Village Board of Trustees Agenda

Sandra "Sandy" Frum Board Room
1225 Cedar Lane Northbrook, IL 60062
Tuesday, April 28, 2026

7:30 PM

1. **ROLL CALL**
2. **PLEDGE OF ALLEGIANCE**
3. **SWEARING IN OF FIREFIGHTER/PARAMEDICS MATT FORTUNE, MATTHEW SALOMONSON, AND ELLIOT KREUZ**
4. **MINUTES APPROVAL**
   A. April 14, 2026 Regular Board Meeting Minutes for Approval
5. **PUBLIC COMMENT TIME**

   This agenda item is reserved for members of the public who desire to address the Village Board on a topic that is within purview and jurisdiction of the Village Board, but that is not listed in another location on the agenda. If you would like to speak about a matter that is listed on the agenda, we ask that you wait until that agenda item is called, and we will give you an opportunity to speak then. If your matter is on the "Consent Agenda", please let us know if you would like us to remove that matter so that you can speak about it.
   Anyone desiring to speak should fill out a written speaker form (located in the back of the Board Room) and submit it to the Village Clerk. "Public Comment Time" is not a forum for open dialogue or engagement with members of the Village Board. Rather, it is intended as an opportunity for you to make comments to the Village Board. While the Village Board will not immediately respond to public comments at this meeting, or engage in a back and forth discussion during the meeting, please be assured that the Board is actively listening to all comments, thoughts, and suggestions.
   All speakers will be limited to a total of three minutes. We request that everyone be respectful, civil, and non-repetitive; and we ask that members of the audience refrain from applauding or making any other comments during or after any speaker. Thank you for your understanding and taking the time to contribute to the success of our community.
6. **MANAGER'S REPORT**
   A. Weekly Village Manager Reports
      - Week Ending April 17
      - Week Ending April 24
7. **WARRANT LIST**
   A. Review and Approval of Escrow Deposits/Performance Bond Refunds Processed Between April 1, 2026 - April 15, 2026
   B. Review and Approval of Payments Processed Between April 1, 2026 - April 15, 2026
8. **PRESIDENT'S REPORT**

   Community Moment

   A. A Proclamation Recognizing May 3 through May 9 as Drinking Water Week

B. A Proclamation Recognizing May 3 through May 9 as Small Business Week
C. A Proclamation Recognizing May as Asian American and Pacific Islander Heritage Month
D. A Proclamation Recognizing May as Mental Health Awareness Month
E. A Proclamation Recognizing May as National Bike Month
F. A Proclamation Recognizing May as Older Americans Month
G. A Proclamation Recognizing May as Physical Fitness and Sports Month
H. A Proclamation Recognizing May as Slow Mow May
I. A Resolution Authorizing the Approval of a Policy Concerning Electronic Attendance at Meetings
From time to time the Village updates its existing policy for members of public bodies to attend meetings electronically to include changes to the Illinois Open Meetings Act.

9. CONSENT AGENDA

The matters listed for consideration on the Consent Agenda are matters that appear to have the unanimous support of the Board of Trustees. The Village President will review, designate the resolution or ordinance number for passage and then inquire if any member of the Board or member of the public objects to any item on the Consent Agenda. If any objections are raised, the matter will be removed from the Consent Agenda and relocated to a location on this agenda for consideration during the appropriate Board Committee report. If no objection is voiced, the Village President will request a motion and second for passage of all items listed. The resultant roll call vote on the Consent Agenda will be applicable to each individual agenda item.

A. A Resolution Authorizing a Second Renewal of the Agreement for Sewer Televising and Cleaning Services with American Underground, Inc. of Wheeling, Illinois
The Village of Northbrook cleans and televises its sanitary and storm sewers to assess the condition of each individual sewer segment and ensure that the sewers function as designed.

B. A Resolution Authorizing the Purchase of Sodium Hypochlorite for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
The Village of Northbrook is responsible for meeting stringent drinking water quality standards as established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes sodium hypochlorite, procured on a per pound basis.

C. A Resolution Authorizing the Purchase of Liquid Aluminum Sulfate for the Water Treatment Plant from USALCO, LLC of Baltimore, Maryland
The Village of Northbrook is responsible for meeting stringent drinking water quality standards as established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes liquid aluminum sulfate, procured on a liquid-ton basis.

D. A Resolution Authorizing the Purchase of Liquid Chlorine for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
The Village of Northbrook is responsible for meeting stringent drinking water quality standards established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes the use of liquid chlorine for disinfection.

E. A Resolution Authorizing the Purchase of Hydrofluorosilicic Acid for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
The Village of Northbrook is responsible for meeting stringent drinking water quality standards established by the Illinois Environmental Protection Agency

(IEPA) and conducts a water treatment process that includes fluoride, also know as hydrofluorosilicic acid, procured on a liquid ton basis.

F. A Resolution Authorizing the Purchase of Water and Sewer System Repair Supplies, as Needed, from Ziebell Water Service Products, Inc. of Elk Grove Village, Illinois; Mid-American Water of Wauconda, Illinois; and Joseph D. Foreman & Co. of Lake Barrington, Illinois
The Village contracts with multiple preferred vendors to ensure the Village can purchase necessary parts from an authorized vendor for the maintenance and repair of the Village's water and sewer system. The repair parts support operational activities such as new home connections and hydrant repairs as needed.

G. A Resolution Approving a Contract for the 2026 Sidewalk Replacement Program with Schroeder & Schroeder, Inc. of Skokie, Illinois
The Village systematically surveys public sidewalks and programs areas for sidewalk section replacement including sections of sidewalk that have failed, as well as to install Americans with Disabilities Act (ADA) required ramps and tactile plates at intersections.

H. A Resolution Authorizing the Purchase and Installation of 260 Trees through the Suburban Tree Consortium for the 2026 Spring Parkway Tree Planting Program
The 2026 Spring program includes planting new trees, replacing some parkway trees, planting trees for participants in the cost-sharing program, and planting trees on public property funded by developers.

I. A Resolution Authorizing the Grant Funded Purchase of a Rapid Deployable Emergency Barrier System from Meridian Rapid Defense Group Sales, LLC of Pasadena, California
The Villages of Northbrook and Wheeling were jointly awarded a State grant for the purchase of public safety equipment that will be shared pursuant to the Intergovernmental Agreement approved by Resolution 2025-160.

J. A Resolution Approving an Agreement for Design Engineering Services for the Koepke Road Storm Sewer and Roadway Improvements Project with Clark Dietz, Inc. of Kenosha, Wisconsin
The Village requires Engineering Design Services for storm sewer and roadway improvements on Koepke Road from Pfingsten Road to Miller Road.

K. A Resolution Approving a Contract with Patriot Pavement Maintenance Inc. of Wheeling, Illinois for the 2026 Crack Sealing Services
The Village invests in its infrastructure which includes planning for and funding the routine crack sealing program with the goal of extending useful life of roadways by performing maintenance tasks that include selective crack sealing.

L. A Resolution Approving an Agreement for Engineering Services for the 2026 Sidewalk Gap Program with Kimley-Horn and Associates, Inc. of Deerfield, Illinois
The Village uses contractual engineering services for the design of the 2026 Sidewalk Gap Program which fills in gaps in the existing sidewalk network throughout the Village.

M. A Resolution Approving a Contract with Robe, Inc. of Chicago, Illinois for Removal and Replacement Filter Drain Valves and Related Components at the Village's Water Treatment Plant
The Village is contracting for the labor and materials for the removal and replacement of two drain valves, gearboxes, and actuators for Filters 2 and 3 which are original to the 1963 section of the Village's Water Treatment Plant.

N. A Resolution Authorizing a First Renewal to the Agreement for Parkway Tree Trimming Services with Advanced Tree Care, Inc. of Lincolnshire, Illinois
The Village uses contractual assistance for trimming of approximately 2,000 of the Village's more than 17,000 parkway trees on an annual basis to promote tree health and management, protect pedestrians and motorists from low hanging branches, and prevent storm damage.

O. A Resolution Authorizing a First Renewal of the Agreement for Elevator Maintenance Services with Lakeland Elevator Corporation of Waukegan, Illinois
The Village utilizes contractual services to perform mandatory annual inspections, preventive maintenance, and as-needed unplanned or emergency repairs for a total of eight (8) elevators located across multiple Village facilities.

P. A Resolution Approving the Purchase of Firefighter Training from the Northeastern Illinois Public Safety Training Academy (NIPSTA)
The Village uses outside agencies to provide certification training for newly hired firefighters as well as current firefighters maintaining or expanding their professional development.

Q. A Resolution Approving a Second Amendment and Extension to the Agreement with Today's Uniforms, Inc. for Fire Department Uniforms
The Village contracts with a uniform vendor to provide required on-duty uniforms for Fire Department personnel.

R. A Resolution Waiving Competitive Bidding and Approving a Contract Extension for Fire Department Turnout Gear
The Fire Department is seeking approval to continue purchasing Turnout Gear from the same manufacturer it currently uses through February 28, 2027.

S. A Resolution Waiving Competitive Bidding and Approving the Purchase of Annual Printing Services from State Graphics for the Residential Newsletter
Request approval of printing and mailing services for the Northbrook Voice, the Village's residential newsletter.

T. An Ordinance Vacating a Portion of Public Alley Right-of-Way Adjacent to 2219 Chestnut Street and Approving a Plat of Vacation
The Village may, in its sole discretion, dispose of public alley rights-of-way that are no longer necessary to the operation, maintenance, or extension of the Village system of streets and roads or utilities. The property owners of 2219 Chestnut Street have requested the Village vacate the alley right-of-way adjacent to their property.

U. A Resolution Approving a Plat of Consolidation for 2219 Chestnut Street
Subject to approval of the vacation of a portion of an unimproved public alley right-of-way adjacent to 2219 Chestnut Street under a separate Agenda Item, a

Plat of Consolidation is required to incorporate the vacated alley with the adjoining property.

V. Resolution expressing official intent regarding certain expenditures, related to the Fleet Maintenance Garage Project and the Fire Station Project to be reimbursed from proceeds of an obligation to be issued by the Village of Northbrook
This is a procedural action in accordance with the adopted FY27 Budget to capture capital expenditures associated with the Fleet Maintenance Garage and Fire Station 11 construction projects to be funding with a future tax exempt general obligation bond issuance.

W. A Resolution Approving a Transferee Assumption Agreement for a Development Agreement for a Physical Fitness Facility located at 2985 Shermer Road (BOT-26-03)
2985 Shermer Rd LLC has acquired the property at 2985 Shermer Road, as part of the corporate restructuring of the previous owner entity, and is requesting to transfer the previously approved development agreement from the original land owner to the newly formed entity for Proximo Padel.

X. An Ordinance Amending the Special Permit for a Planned Development Granted by Ordinance No. 2014-3 and Granting a Site Plan Approval for Fuel Sales Facility at Northshore 770 (Mariano's Gas Station - 784 Skokie Boulevard) (Plan Commission Docket No. PCD-25-18)
Roundy's Supermarkets, Inc. (Mariano's) proposes to construct a gas station within the parking lot to an existing grocery store adjacent to Dundee Road.

Y. A Resolution Approving an Amended and Restated Economic Incentive and Development Agreement Between the Village of Northbrook and Hometown Coffee Northbrook, LLC (1290 Shermer Road)
Hometown Coffee Northbrook, LLC has requested an amendment to the Agreement originally approved on November 12, 2024, to modify the incentive from a loan to a sales tax rebate consistent with other Village incentive agreements for high sales generating developments.

Z. An Ordinance Amending Chapter 2 of the Northbrook Municipal Code, as Amended, to Establish a Division of Communications
The proposed amendments codifies Communications as a division of the Village Manager's Office, consistent with the adopted FY27 General Fund budget.

AA. An Ordinance Amending Section 27-32 of the Northbrook Municipal Code, as Amended, Regarding Inspections
Chapter 27 of the Municipal Code is being updated to reflect State law requirements for the frequency of Village surveys and related inspections of industrial, commercial, and other properties connected to the Village water system for cross connection control requirements.

AB. An Ordinance Amending Chapter 24 of the Northbrook Municipal Code Concerning Parking in Municipal Off-Street Parking Lots
On December 9, 2025, the Village Board approved Ordinance 2025-80 which discontinued Vehicle Licenses, commonly referred to as Vehicle Stickers and this action will remove all remaining references in the Municipal Code.

AC. Motion to Approve the March 31, 2026 and April 8, 2026, Closed Session

Minutes held during the Committee of the Whole Meetings of the Village Board

10. ADMINISTRATION AND FINANCE

A. An Ordinance Adopting and Authorizing Updates to the Village of Northbrook Annual Fee Ordinance

The Village uses a single schedule for all fees and charges called the Annual Fee Ordinance (AFO). The AFO is presented annually in advance of the new fiscal year and may be amended from time to time as required.

11. PLANNING AND ECONOMIC DEVELOPMENT

A. Preliminary Review of a Request by Hi-Five Sports Clubs North Shore LLC for a Zoning Code Text Amendment and Special Permits for a Physical Fitness Facility at 3451-3453 Commercial Avenue

Hi-Five Sports Clubs North Shore LLC is requesting to amend the Zoning Code to allow physical fitness facilities in the I-1 Restricted Industrial Districts, which is a request that will impact all properties zoned I-1 Restricted Industrial District.

B. Presentation to Review Updated Metrics and Statistical Information on Northbrook Downtown

This presentation by the Development and Planning Services Department will focus on economic indicators specific to Downtown Northbrook.

12. COMMUNITY AND SUSTAINABILITY

13. HOUSING

14. LABOR RELATIONS

15. PUBLIC WORKS AND FACILITIES

16. PUBLIC SAFETY

17. COMMUNICATIONS AND OUTREACH

18. REMARKS FOR THE GOOD OF THE ORDER

19. CLOSED SESSION

20. ADJOURN

The Village of Northbrook is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe or participate in this meeting, or who have questions regarding the accessibility of the meeting or facilities, are requested to promptly contact the Village of Northbrook at (847) 272-5050, or the Illinois Relay Center at (800) 526-0844, to allow the Village of Northbrook to make reasonable accommodations for those persons.

WEEKLY MANAGER'S REPORT

WEEK ENDING APRIL 17, 2026

Meetings of the Village Board

- No meetings of the Village Board next week.

Activity Reports

Police Bulletin: The weekly police bulletin has been updated for the week ending on April 17, 2026.

Save the Date

Home Hazardous Waste Pick-Up Requests Open in April
Residents can schedule at-home pickup for household hazardous waste (HHW) through the LRS HHW program. Items such as paints, batteries, cleaning products, and fluids are safely collected, with many materials recycled. Requests may be submitted in April, July, and October through the HHW online portal, with collections occurring in May, August, and November. After signing up, a kit with instructions and collection materials will be mailed, and a pickup date will be confirmed. Questions about the HHW program, including scheduling, eligible items, and collection information, should be directed to LRS Customer Service at 844-633-3577 or service@lrsrecycles.com.

National Prescription Drug Take Back Day – April 25
Safely dispose of unused or expired medications at the National Prescription Drug Take Back Day on Saturday, April 25, from 10 a.m. to 2 p.m. at the Northbrook Police Department, 1401 Landwehr Rd. This free and anonymous event is a simple way to help keep your home and community safe. Click here to learn more about Drug Take Back Day in Northbrook.

Updates

Sales Tax Monthly Report
The monthly sales tax data can be found at this link for collections through April 2026 (liability month January 2026) of $1,541,088 is $78,366 or 5.4%, greater than the monthly amount collected in April 2025 (January 2025 liability). These figures include the automatic 1% municipal, 1% home rule, 1% local grocery, and 3% local cannabis taxes.

The Illinois Department of Revenue (IDOR) acknowledged that not all taxpayers have been collecting from their customers and/or remitting the 1% local grocery tax in January which is the

first month of implementation. The IDOR will be working with taxpayers to bring them into compliance for collecting and remitting the local grocery tax but this may take a few months.

Significant Rain Event April 14 and 15
Heavy thunderstorms rolled into the Northbrook area on the evening of April 14 leading to significant rainfall occurring through the night and into the early morning hours of April 15. The National Weather Service recorded a total of 1.87 inches over the 24-hour period. Public Works staff were able to address a few highly localized areas where sewer inlets or collection areas were blocked by debris, creating areas of standing water. Stormwater management has been a top priority for the Village of Northbrook, since the adoption of the Master Stormwater Management Plan in 2011 and its two addendums in 2012 and 2015 which resulted in the institution of a Stormwater Utility and the Village's investment of $26 million into stormwater infrastructure and completion of 25 projects identified in the Master Stormwater Management Plan and two addendums See this Northbrook Voice news article on pages 6 -7 from last fall.

Nicor Gas Main Installation Work on Shermer Road
Nicor's crews continued installing a gas main across Shermer Road northwest along Church Street, as part of ongoing efforts to enhance and modernize the gas main infrastructure in this area. This work will continue to impact traffic as construction along Shermer Road is expected to continue over the next several weeks and will include gas main installation, individual service connections, and roadway restoration. Residents or businesses with questions or concerns can contact Nicor's project manager Gwen Anderson at gwanders@southernco.com or by phone at 224-760-8925.

Parkway Tree Trimming Program – Survey Markings
Public Works crews routinely survey parkway trees to assess their overall health and structural condition. As part of this program, the Village targets the contractual trimming of approximately 2,000 trees annually. Trees identified for future trimming are marked during the survey process, with work typically scheduled within one trimming cycle. Trimming is generally performed during the dormant season. As such, marked trees may be addressed as early as the upcoming fall or winter season, though in some cases work may extend into the following season.

Tree markings are color-coded to indicate the type of work to be performed:

Green dots: Standard trimming, including clearance of approximately 14 feet over the street and 8 feet over sidewalks.

Blue/green dots: Structural pruning, including removal of deadwood and canopy cleaning within the crown.

Red dots: The tree is scheduled for removal soon. Residents are notified at the time these trees are marked.

No dots: The tree is either too young or has been recently trimmed and does not currently require maintenance.

Shermer Road Corridor Improvements Project Update
Landscaping improvements along the corridor are scheduled to begin by the Village's contractor. Concurrently, utility work in the Metra West Commuter Lot, and related pavement removal will continue. Completion of a shared-use side path is dependent upon asphalt availability and weather conditions, with completion of the work anticipated by the end of this month. Residents and businesses with questions or concerns can contact the Public Works Department at 847-272-4711 and staff will be able to assist.

Concrete Street Patching Improvements in the Charlemagne Subdivision
Weather permitting, concrete replacement preparation work is ongoing and installation of new panels is anticipated at the end of the week (April 23-24) along Picardy Lane, Bordeaux Drive, Michelline Lane, Bordeaux Court, Brittany Court, and Touraine Terrace. Improvements are

anticipated to be completed in May 2026. Residents with questions or concerns about the project can reach out to Project Manager Keeley Evans at 847-272-4711.

Issued Building Permits
The PGA Tour Superstore has been issued a building permit to renovate 1072 Willow Road, the former Restoration Hardware Outlet space (also previously Best Buy), in the Willow Festival Shopping Center.

Business License Update
With the warmer weather upon us, it should be noted that outdoor dining licenses are being included in the business license renewal process for restaurants that have not undergone any changes to the outdoor dining setup from the year prior.

Other Development News

- Construction has been completed on 36 new units at Covenant Village. The three-story buildings replace older single-story structures, providing modern housing and accommodating more residents. Click here for more information on other new developments and construction occurring in Northbrook.

- Wood Oaks Junior High is requesting to re-subdivide its properties located at the northwest corner of Walters Avenue and Sanders Court, as well as at 1250 Sanders Road to create a new vehicle circulation pattern, as well as to create a separate area for school bus drop off and pick up. The Plan Commission will consider this request during its regular meeting on Tuesday, April 21, 2026. Click here for more information about this request and other development applications under review.

Joint Police Investigative Operation
Northbrook Police will be participating in an operation led by the Skokie Police Department focusing on motor vehicle thefts, vehicular hijackings, burglaries to vehicles, and other related crimes. Northbrook sergeants and officers, with our our neighbors, will focus on Northbrook, Glenview, and Highland Park, with each agency responsible for incidents within its jurisdiction.

Employee News
The Village is pleased to announce the addition of Casey Cobe as a Maintenance Worker in the Public Works Department. Casey's first day was April 13, 2026.

Public Works Competition Participation at Illinois Section of American Water Works Association Conference
This week, the Village was represented in Peoria at the American Water Works Association Illinois Section WATERCON conference, where Maintenance Workers Josh Jessop and Brandon Seveska competed in the Hydrant Hysteria event. The competition simulates the assembly and replacement of a hydrant in the field, with crews racing against the clock in front of spectators. Northbrook's team placed fifth out of seven teams, finishing with a time of 2 minutes, 5 seconds.

WEEKLY MANAGER'S REPORT

WEEK ENDING APRIL 24, 2026

Meetings of the Village Board

Tuesday, April 28, 2026

- Committee of the Whole Meeting – 6 p.m. in the Terrace Room
- Village Board Regular Meeting – 7:30 p.m. in the Board Room

Activity Reports

Police Bulletin: The weekly police bulletin has been updated for the week ending on April 24, 2026.

Save the Date

Earth Day Recycling Event – April 25
Join the Village of Northbrook for our annual Earth Day Recycling Event on Saturday, April 25, from 9 a.m. to noon at the West Metra Commuter Lot. This is a great opportunity to responsibly dispose of hard-to-recycle items and give them a second life—from electronics and paint to batteries, clothing, and more. Bring your items and help keep Northbrook clean and green!

National Prescription Drug Take Back Day – April 25
Safely dispose of unused or expired medications at the National Prescription Drug Take Back Day on Saturday, April 25, from 10 a.m. to 2 p.m. at the Northbrook Police Department, 1401 Landwehr Rd. This free and anonymous event is a simple way to help keep your home and community safe. Click here to learn more about Drug Take Back Day in Northbrook.

Home Hazardous Waste Pick-Up Requests Open in April
Residents can schedule at-home pickup for household hazardous waste (HHW) through the LRS HHW program. Items such as paints, batteries, cleaning products, and fluids are safely collected, with many materials recycled. Requests may be submitted in April, July, and October through the HHW online portal, with collections occurring in May, August, and November. After signing up, a kit with instructions and collection materials will be mailed, and a pickup date will be confirmed. Questions about the HHW program, including scheduling, eligible items, and collection information, should be directed to LRS Customer Service at 844-633-3577 or service@lrsrecycles.com.

Updates

Gas-Powered Leaf Blower Regulations
As part of Northbrook's sustainability efforts, gas-powered leaf blowers are banned for most of the year. Residents and landscape contractors may only use gas-powered leaf blowers during

two clean-up windows:

- Spring Clean-Up: April 1 – April 30
- Fall Clean-Up: October 1 – November 30

Use of gas-powered leaf blowers is prohibited from December through March and May through September. Click here to learn more about gas-powered leaf blower regulations.

Arbor Day Plantings
In recognition of Arbor Day, the Village recently completed tree plantings at Hickory Point School and Shabonee School. A tree was planted along Laburnum Drive, followed by a Bald Cypress planted along Pfingsten Road south of the Shabonee School drive. These plantings highlight the many benefits trees provide, including improved air quality, shade, wildlife habitat, and enhanced community beauty. The Village is proud to be recognized for the 32nd consecutive year as a Tree City USA community, along with earning its 26th Tree City Growth Award from the Arbor Day Foundation. These honors reflect Northbrook's ongoing commitment to tree care, sustainability, and preserving the natural environment.

Development and Planning Services Department Updates

- Construction for the first phase of the Lifetime Fitness North Shore Sport and Racquet Facility is wrapping up, with the business anticipated opening in June 2026. The adaptive reuse of a former fitness club located at 1300 Techny Road by Lifetime Fitness will provide amenities not found at its current Northbrook facility to provide additional services to the community. Click here for more information on other noteworthy new developments and construction occurring in Northbrook.

- The Northbrook Plan Commission recommended approval of a proposed site plan to separate the bus and car traffic at Wood Oaks Junior High following the public hearing on Tuesday April 21, 2026. School District 27 is proposing to annex the corner of Walters and Sanders into Northbrook and consolidate the parcels into the school parcel to all be zoned IB Institutional Building to allow construction of a cul-de-sac for school buses with a sidewalk connection to the school. The next step is for the Board of Trustees to consider the Plan Commission's recommendation. Click here for more

information about this request and other development applications under review.

Police Academy Graduation
Police Administration attended the graduation ceremony celebrating Police recruit Alex Bernardino, who graduated from the Suburban Law Enforcement Academy (SLEA) and will now begin the Police Department's field training program. Congratulations to Officer Bernadino.

VILLAGE OF NORTHBROOK

GENERAL LEDGER SYSTEM
WARRANT LIST

ESCROW DEPOSIT/PERFORMANCE BOND REFUNDS
INVOICES PROCESSED BETWEEN APRIL 1, 2026 - APRIL 15, 2026
FOR 4/28/26 MEETING

CHECK NUMBER	VENDOR NAME	PURPOSE	AMOUNT
312444	SANTUCCI PLUMBING INC	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	500.00
312445	DEBORAH MILLMAN	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	500.00
312446	RAVINIA PLUMBING & HEATING	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	1,000.00
312447	KELSEY MECHANICAL INC	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	500.00
312448	SANTUCCI PLUMBING INC	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	500.00
312449	J BLANTON PLUMBING	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	1,000.00
312450	AMERICAN NATIONAL SPRINKLER	ESCROW DEPOSIT/PERFORMANCE BOND REFUND	500.00
		CLASS 'A' TOTAL	**4,500.00**

VILLAGE OF NORTHBROOK

GENERAL LEDGER SYSTEM
WARRANT LIST

INVOICES PROCESSED BETWEEN APRIL 1, 2026 - APRIL 15, 2026
FOR 4/28/26 MEETING

Sorted Alphabetically

CHECK NUMBER	VENDOR NAME	PURPOSE	AMOUNT
312469	4IMPRINT INC	PRINTING - GG	1,774.62
312451	A&J SEWER SERVICE INC	SERVICES - PW	1,297.00
312512	A5 GROUP INC	STRATEGIC COMMUNICATIONS - GG (*)	6,600.00
312516	ACCURATE EMPLOYMENT SCREENING LLC	SERVICES - GG	104.85
312478	ACE HARDWARE & RENTAL	SUPPLIES/TOOLS - PD/PW/FD	1,118.57
312479	ACE NORTHBROOK HARDWARE & RENTAL	SUPPLIES - PW	90.19
312538	ADAM WORTHINGTON	REIMBURSEMENT - PD	302.17
8426(A)	ADDIS LAW GROUP	LEGAL SERVICES - GG	17,000.00
8417(A)	AL WARREN OIL CO INC	FUEL/SUPPLIES - FD/PW/PD	14,249.74
312539	ALAN SMITH	REIMBURSEMENT - PD	98.63
312522	ALLIED GARAGE DOOR INC	SERVICES - PW (*)	557.00
8413(A)	ALPHAGRAPHICS US333	PRINTING - GG	581.90
8418(A)	AMAZON.COM SERVICES INC	SUPPLIES/PARTS - GG/FD/PW/PD/IT	2,742.59
8421(A)	AMERICAN PRINTING TECHNOLOGIES INC	PRINTING - FIN	5,496.44
8390(A)	APPLIED CONCEPTS INC	SERVICES - PD	107.50
312507	ARTISTIC ENGRAVING	UNIFORMS - PD	162.57
312455	AT&T MOBILITY NATIONAL ACCOUNTS LLC	TELECOMMUNICATIONS - IT	12,244.18
312505	ATLAS BOBCAT LLC	PARTS - PW	201.26
312527	ATLASTICITY LLC	PROFESSIONAL SERVICES - IT	230.19
312506	BADE SUPPLY	SUPPLIES - PW	972.35
8427(A)	BIG BELLY SOLAR LLC	TRASH/RECYCLING RECEPTACLES - PW (*)	2,171.98
312453	BOUND TREE MEDICAL LLC	SUPPLIES - FD	1,015.17
312540	BRAD GUTWILLIG	REIMBURSEMENT - PD	203.18
8392(A)	BS&A SOFTWARE	PAYMENT PROCESSING SERVICES - FIN (*)	16,117.14
8431(A)	CAHILL HEATING COOLING ELECTRIC	SERVICES - PW (*)	4,700.00
312537	CAITLIN MCKENZIE	REIMBURSEMENT - PD	1,043.68
8439(A)	CARBON DAY EV CHARGING	VH EV CHARGERS - GG (*)	25,902.00
312533	CAROLINA CASUALTY INSURANCE CO	OVERPAYMENT REFUND - FD	445.24
312454	CASE LOTS INC	SUPPLIES - PW	2,717.30
8429(A)	CHICAGO PARTS & SOUND ENTERP LLC	PARTS - PW	529.06
312534	CIGNA	OVERPAYMENT REFUND - FD	168.04
312498	CINTAS CORPORATION #2	SUPPLIES - PD	538.56
312497	CINTAS CORPORATION #2	UNIFORMS - PW	155.12
312517	CIRCL CM HOLDINGS INC	SERVICES - PW	3,850.00
8423(A)	CIVILTECH ENGINEERING INC	PROFESSIONAL SERVICES - DPS	596.05
8393(A)	COMCAST	TELECOMMUNICATIONS - IT	3,099.57
312457	COMCAST CABLE	TELECOMMUNICATIONS - IT	465.35
312456	COMCAST CABLE	CABLE/INTERNET - PD	128.50
312458	COMMONWEALTH EDISON COMPANY	FACILITY CHARGE/UTILITIES - PW	9,776.27
312526	CONSENSUS CLOUD SOLUTIONS LLC	SUBSCRIPTION - IT	99.95
312518	CONSTELLATION ENERGY CORPORATION	UTILITIES - PW	98,155.96
312460	COOK COUNTY RECORDER OF DEEDS	RECORDING FEES - DPS	269.00
312459	COOK COUNTY RECORDER OF DEEDS	RECORDING FEES - GG	100.00
312461	COSTAR REALTY INFORMATION INC	SUBSCRIPTION - DPS	1,136.05
312531	CRISIS RESPONSE CONNECTION LLC	TRAINING - PD	470.00
312501	CUMMINS SALES & SERVICE	PARTS/SERVICES - FD/PW	2,278.54
312462	CUTLER WORKWEAR	UNIFORMS - PW (*)	1,405.15
312541	CYNTHIA PLAZAS	REIMBURSEMENT - PD	297.11
312463	EL-COR INDUSTRIES INC	PARTS - PD/PW	541.89
312510	ELEVATED SAFETY LLC	TRAINING - FD	1,895.00
8420(A)	ELROD FRIEDMAN LLP	LEGAL SERVICES - GG/DPS	50,114.00
312481	ENDEAVOR HEALTH MEDICAL GROUP	PROFESSIONAL SERVICES - PW/FD	1,235.00
312542	ERIC GUSTASON	REIMBURSEMENT - PD	774.31
312464	FIELDS JEEP INC/FIELDS CHRYSLER	PARTS - PD	478.51
8414(A)	FIRE SAFETY CONSULTANTS INC	PROFESSIONAL SERVICES - FD (*)	9,306.40
312530	FIRENUGGETS INC	TRAINING - FD	350.00
8415(A)	FIRST CHOICE COFFEE SERVICES	CANTEEN - PW/FD/GG	1,363.21
312529	FIRST LINE TECHNOLOGY LLC	EQUIPMENT - FD	4,182.44
312465	FOOT STONE INC	PROFESSIONAL SERVICES - PW (*)	3,272.25

VILLAGE OF NORTHBROOK

GENERAL LEDGER SYSTEM
WARRANT LIST

INVOICES PROCESSED BETWEEN APRIL 1, 2026 - APRIL 15, 2026
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CHECK NUMBER	VENDOR NAME	PURPOSE	AMOUNT
8394(A)	FOX VALLEY FIRE & SAFETY CO	SERVICES - PW	1,086.80
8395(A)	GALLS LLC	EQUIPMENT/UNIFORMS/SUPPLIES - PD	10,462.39
8434(A)	GENUINE PARTS COMPANY INC	PARTS/SUPPLIES - PW/PD/FD	3,836.64
312466	GOLF MILL FORD	PARTS/SUPPLIES - PD/PW	349.86
312524	GORDON FLESCH COMPANY INC	PRINTING - IT (*)	1,423.33
8396(A)	GRAINGER	SUPPLIES/PARTS - FD/PW	725.85
8424(A)	GRANITE TELECOMMUNICATIONS, LLC	TELECOMMUNICATIONS - IT	5,283.87
312452	GW BERKHEIMER CO INC	PARTS - PW	418.99
8397(A)	HAVEY COMMUNICATIONS INC	PARTS - PD	1,391.70
312492	HIGH STAR TRAFFIC	SUPPLIES - PW	2,087.00
8398(A)	HIGHLAND PARK FORD LINCOLN	PARTS - PD	574.20
8435(A)	HODC C/O CRESTWOOD PLACE	CRESTWOOD EXPENSE REIMB - FIN (*)	30,714.57
312515	HUNGER RESOURCE NETWORK	FY 2026 VEHICLE STICKER DONATIONS - FIN	75.00
312503	ICS JAIL SUPPLIES INC	PROFESSIONAL SERVICES - PD	78.87
312468	ILLINOIS SECRETARY OF STATE	LICENSE PLATES - PD	302.00
312543	ILONA MYKHNYCH	REIMBURSEMENT - PD	163.67
312509	INSIGHT PUBLIC SECTOR INC	SUBSCRIPTION - IT (*)	73,713.20
8438(A)	INTERIORS FOR BUSINESS INC	EQUIPMENT - FD	1,571.82
312470	INTERSTATE POWER SYSTEMS INC	PARTS - FD	319.34
312467	IPIA	TRAINING - DPS	525.00
312544	JAMES FRIEL	REIMBURSEMENT - PD	209.56
312502	JCL GRAPHIX LLC	SERVICES - FD	1,650.00
312545	JESSICA ARIAS	REIMBURSEMENT - PD	275.36
312471	JG UNIFORMS INC	UNIFORMS - PD	965.00
312562	JOHN SCHUMAN	RESIDENT REIMBURSEMENT - PW	9,760.00
312546	JOHN USTICH	REIMBURSEMENT - PD	150.00
312472	JOHNSTONE SUPPLY	EQUIPMENT/SUPPLIES/PARTS - PW	1,141.44
312547	JONATHAN SALMI	REIMBURSEMENT - PD	200.39
312508	JONES & BARTLETT LEARNING LLC	PUBLICATIONS - FD	1,270.56
312535	KATHLEEN YAVITT	REIMBURSEMENT - FD	141.79
312548	KEITH SCHULTZ	REIMBURSEMENT - PD	198.37
312504	KELLEY WILLIAMSON COMPANY	SERVICES - PW	500.00
312473	KIMLEY-HORN AND ASSOCIATES INC	PROFESSIONAL SERVICES - PW (*)	1,626.00
312520	LINDE GAS & EQUIPMENT INC	SUPPLIES - FD/PW	395.35
312521	LINDE GAS & EQUIPMENT INC	SUPPLIES - FD	158.95
8399(A)	LOGSDON OFFICE SUPPLY	SUPPLIES - PD	69.30
8428(A)	LRS LLC	YARD WASTE STICKERS - FIN	3,370.00
8419(A)	MACQUEEN EMERGENCY GROUP	PARTS - FD	3,518.55
312549	MATTHEW JOHNSON	REIMBURSEMENT - PD	138.78
312519	MCNISH CORPORATION	PARTS - PW	2,875.00
312474	MENONI & MOCOGNI INC	MATERIALS/TOOLS - PW (*)	1,701.85
8422(A)	MERCHANTS CREDIT GUIDE CO	COLLECTIONS - FIN	614.18
8432(A)	MES SERVICE COMPANY LLC	SERVICES - FD	2,651.37
8401(A)	MGP INC	PROFESSIONAL SERVICES - PW (*)	20,784.26
312550	MICHAEL TADLEY	REIMBURSEMENT - PD	369.88
8410(A)	MICHAEL WAGNER & SONS INC	SUPPLIES - PW	147.58
8402(A)	MID AMERICAN WATER OF WAUCONDA INC	SUPPLIES - PW (*)	3,482.95
8425(A)	MONICA ARGUMEDO MD LLC	PROFESSIONAL SERVICES - PD	900.00
8403(A)	MOTION INDUSTRIES INC	PARTS - PW	361.41
8404(A)	MOTOROLA SOLUTIONS INC	TELECOMMUNICATIONS - PD	6,227.00
312475	MULTIPLE CONCRETE ACCESSORIES CORP	SUPPLIES - PW	268.00
8416(A)	MUNICIPALH20	PROFESSIONAL SERVICES - PW	3,100.00
312551	NANCY VACCARO	REIMBURSEMENT - PD	175.56
312477	NEHER ELECTRIC SUPPLY INC	SUPPLIES - PW	529.34
312552	NICHOLAS WHITE	REIMBURSEMENT - PD	205.69
312480	NICOR	UTILITIES - PW	1,758.45
312476	NIPSTA	TRAINING - FD	1,825.00
312482	NORTHSHORE UNIVERSITY HEALTHSYSTEM	TRAINING - FD	72.50
312483	NORTHWEST FREIGHTLINER	PARTS - FD	535.53

VILLAGE OF NORTHBROOK

GENERAL LEDGER SYSTEM
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INVOICES PROCESSED BETWEEN APRIL 1, 2026 - APRIL 15, 2026
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CHECK NUMBER	VENDOR NAME	PURPOSE	AMOUNT
312553	OLIVIA SANKIEWICZ	REIMBURSEMENT - PD	316.00
312525	ONCE UPON A DELI	CANTEEN - PD	30.00
312536	OYA AKGUN	REIMBURSEMENT - GG	632.50
8405(A)	PARKMOBILE LLC	MONTHLY SERVICE FEES - PW	1,052.86
8433(A)	PERFECT CLEANING SYSTEM INC	SERVICES - PW (*)	12,040.50
312523	PLUNKETT'S PEST CONTROL INC	SERVICES - PW	151.41
8406(A)	POMPS TIRE SERVICE INC	TIRES - PD/FD	1,913.32
8407(A)	POSITIVE PROMOTIONS INC	SUPPLIES - FD	2,495.84
312511	PROFESSIONAL CEMETERY SERVICES	SERVICES - PW	2,365.00
312484	REGIONAL EMERGENCY DISPATCH CENTER	DISPATCH - FD	64,690.00
312485	RHOMAR INDUSTRIES INC	SUPPLIES - PW	586.60
312528	RIGHT WAY SIGNS LLC	VILLAGE GATEWAY SIGNS - GG (*)	78,660.00
312486	ROTARY CLUB OF NORTHBROOK	MEMBERSHIPS - GG	300.00
312487	SCHROEDER & SCHROEDER INC	SIDEWALK MAINTENANCE - PW (*)	3,989.23
312560	SCOTT HODGE	REIMBURSEMENT - PW	243.60
312558	SCOTT LEMKE	REIMBURSEMENT - PW	30.00
312488	SHERWIN WILLIAMS COMPANY	SUPPLIES - PW	40.20
8408(A)	SPOK, INC.	SERVICES - PW	67.68
312532	SRSD CONSULTING LLC	TRAINING - GG	7,000.00
312554	STAN FERGUSON	REIMBURSEMENT - PD	61.98
312489	STANDARD EQUIPMENT COMPANY	PARTS - PW	224.96
312500	STATE GRAPHICS	PRINTING - GG	260.00
8437(A)	SWANSONS BLOSSOM SHOP	SERVICES - PD	100.00
312514	SYMMETRY ENERGY SOLUTIONS, LLC	UTILITIES - PW	5,041.85
312490	SYN-TECH SYSTEMS INC	SYSTEM SUPPORT - IT	2,650.00
8400(A)	TERRI LUECHT	SUPPLEMENT PAYMENT - FIN	1,659.00
312559	TERRY CICHOCKI	REIMBURSEMENT - PW	320.00
8409(A)	THIRD MILLENNIUM ASSOCIATES INC	PROFESSIONAL SERVICES - FIN	54.52
312491	THOMPSON ELEVATOR INSP SVC INC	SERVICES - DPS (*)	1,232.00
8411(A)	THOMSON REUTERS	SUBSCRIPTION - PD	349.30
312561	TIM HENDRICKS	REIMBURSEMENT - FD	114.14
312555	TODD FEINGOLD	REIMBURSEMENT - PD	326.78
312557	TYLER HEINZ	REIMBURSEMENT - FD	113.11
312493	ULINE INC	EQUIPMENT - GG	1,220.12
8430(A)	UNIVAR SOLUTIONS USA LLC	CHEMICALS - PW (*)	4,600.47
312494	V3 COMPANIES LTD	PROFESSIONAL SERVICES - PW	250.00
312513	VERIZON CONNECT NWF INC	SUBSCRIPTION - PW	1,171.09
312495	VERIZON WIRELESS	TELECOMMUNICATIONS - IT	862.37
8391(A)	VESTIS SERVICES LLC	SUPPLIES - PW	497.12
312499	WATERWAY GAS & WASH COMPANY	SERVICES - PD	460.50
312496	WEST SIDE TRACTOR SALES	PARTS - PW	208.46
8436(A)	WHALE SUPPLY LLC	SUPPLIES - PW	37.02
312556	WILLIAM HUMPHRIES	REIMBURSEMENT - PD	540.75
8412(A)	WILMETTE TRUCK & BUS SERVICE INC	SERVICES - PW/FD	1,080.00
		CLASS 'A' TOTAL	**726,748.06**

CLASS 'B' WARRANTS

515(E)	FEDEX	SHIPPING - PW	50.16
519(E)	FEDEX	SHIPPING - PD	27.90
49(E)	IPBC	HEALTH INSURANCE - GG	628,876.67
518(E)	MIDWEST OPERATING ENGINEERS WELFARE	HEALTH INSURANCE - GG	80,880.00
4/15/26	PAYROLL	4/15/2026 PAYROLL	968,812.41
516(E)	QUADIENT FINANCE USA INC	SHIPPING - PW	8.16
		CLASS 'B' TOTAL	**1,678,655.30**
		REPORT TOTAL	***2,405,403.36***

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312518	CONSTELLATION ENERGY CORPORATION	UTILITIES - PW	98,155.96
312528	RIGHT WAY SIGNS LLC	VILLAGE GATEWAY SIGNS - GG (*)	78,660.00
312509	INSIGHT PUBLIC SECTOR INC	SUBSCRIPTION - IT (*)	73,713.20
312484	REGIONAL EMERGENCY DISPATCH CENTER	DISPATCH - FD	64,690.00
8420(A)	ELROD FRIEDMAN LLP	LEGAL SERVICES - GG/DPS	50,114.00
8435(A)	HODC C/O CRESTWOOD PLACE	CRESTWOOD EXPENSE REIMB - FIN (*)	30,714.57
8439(A)	CARBON DAY EV CHARGING	VH EV CHARGERS - GG (*)	25,902.00
8401(A)	MGP INC	PROFESSIONAL SERVICES - PW (*)	20,784.26
8426(A)	ADDIS LAW GROUP	LEGAL SERVICES - GG	17,000.00
8392(A)	BS&A SOFTWARE	PAYMENT PROCESSING SERVICES - FIN (*)	16,117.14
8417(A)	AL WARREN OIL CO INC	FUEL/SUPPLIES - FD/PW/PD	14,249.74
312455	AT&T MOBILITY NATIONAL ACCOUNTS LLC	TELECOMMUNICATIONS - IT	12,244.18
8433(A)	PERFECT CLEANING SYSTEM INC	SERVICES - PW (*)	12,040.50
8395(A)	GALLS LLC	EQUIPMENT/UNIFORMS/SUPPLIES - PD	10,462.39
312458	COMMONWEALTH EDISON COMPANY	FACILITY CHARGE/UTILITIES - PW	9,776.27
312562	JOHN SCHUMAN	RESIDENT REIMBURSEMENT - PW	9,760.00
8414(A)	FIRE SAFETY CONSULTANTS INC	PROFESSIONAL SERVICES - FD (*)	9,306.40
312532	SRSD CONSULTING LLC	TRAINING - GG	7,000.00
312512	A5 GROUP INC	STRATEGIC COMMUNICATIONS - GG (*)	6,600.00
8404(A)	MOTOROLA SOLUTIONS INC	TELECOMMUNICATIONS - PD	6,227.00
8421(A)	AMERICAN PRINTING TECHNOLOGIES INC	PRINTING - FIN	5,496.44
8424(A)	GRANITE TELECOMMUNICATIONS, LLC	TELECOMMUNICATIONS - IT	5,283.87
312514	SYMMETRY ENERGY SOLUTIONS, LLC	UTILITIES - PW	5,041.85
8431(A)	CAHILL HEATING COOLING ELECTRIC	SERVICES - PW (*)	4,700.00
8430(A)	UNIVAR SOLUTIONS USA LLC	CHEMICALS - PW (*)	4,600.47
312529	FIRST LINE TECHNOLOGY LLC	EQUIPMENT - FD	4,182.44
312487	SCHROEDER & SCHROEDER INC	SIDEWALK MAINTENANCE - PW (*)	3,989.23
312517	CIRCL CM HOLDINGS INC	SERVICES - PW	3,850.00
8434(A)	GENUINE PARTS COMPANY INC	PARTS/SUPPLIES - PW/PD/FD	3,836.64
8419(A)	MACQUEEN EMERGENCY GROUP	PARTS - FD	3,518.55
8402(A)	MID AMERICAN WATER OF WAUCONDA INC	SUPPLIES - PW (*)	3,482.95
8428(A)	LRS LLC	YARD WASTE STICKERS - FIN	3,370.00
312465	FOOT STONE INC	PROFESSIONAL SERVICES - PW (*)	3,272.25
8416(A)	MUNICIPALH20	PROFESSIONAL SERVICES - PW	3,100.00
8393(A)	COMCAST	TELECOMMUNICATIONS - IT	3,099.57
312519	MCNISH CORPORATION	PARTS - PW	2,875.00
8418(A)	AMAZON.COM SERVICES INC	SUPPLIES/PARTS - GG/FD/PW/PD/IT	2,742.59
312454	CASE LOTS INC	SUPPLIES - PW	2,717.30
8432(A)	MES SERVICE COMPANY LLC	SERVICES - FD	2,651.37
312490	SYN-TECH SYSTEMS INC	SYSTEM SUPPORT - IT	2,650.00
8407(A)	POSITIVE PROMOTIONS INC	SUPPLIES - FD	2,495.84
312511	PROFESSIONAL CEMETERY SERVICES	SERVICES - PW	2,365.00
312501	CUMMINS SALES & SERVICE	PARTS/SERVICES - FD/PW	2,278.54
8427(A)	BIG BELLY SOLAR LLC	TRASH/RECYCLING RECEPTACLES - PW (*)	2,171.98
312492	HIGH STAR TRAFFIC	SUPPLIES - PW	2,087.00
8406(A)	POMPS TIRE SERVICE INC	TIRES - PD/FD	1,913.32
312510	ELEVATED SAFETY LLC	TRAINING - FD	1,895.00
312476	NIPSTA	TRAINING - FD	1,825.00
312469	4IMPRINT INC	PRINTING - GG	1,774.62
312480	NICOR	UTILITIES - PW	1,758.45
312474	MENONI & MOCOGNI INC	MATERIALS/TOOLS - PW (*)	1,701.85
8400(A)	TERRI LUECHT	SUPPLEMENT PAYMENT - FIN	1,659.00
312502	JCL GRAPHIX LLC	SERVICES - FD	1,650.00
312473	KIMLEY-HORN AND ASSOCIATES INC	PROFESSIONAL SERVICES - PW (*)	1,626.00
8438(A)	INTERIORS FOR BUSINESS INC	EQUIPMENT - FD	1,571.82
312524	GORDON FLESCH COMPANY INC	PRINTING - IT (*)	1,423.33
312462	CUTLER WORKWEAR	UNIFORMS - PW (*)	1,405.15
8397(A)	HAVEY COMMUNICATIONS INC	PARTS - PD	1,391.70
8415(A)	FIRST CHOICE COFFEE SERVICES	CANTEEN - PW/FD/GG	1,363.21

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312451	A&J SEWER SERVICE INC	SERVICES - PW	1,297.00
312508	JONES & BARTLETT LEARNING LLC	PUBLICATIONS - FD	1,270.56
312481	ENDEAVOR HEALTH MEDICAL GROUP	PROFESSIONAL SERVICES - PW/FD	1,235.00
312491	THOMPSON ELEVATOR INSP SVC INC	SERVICES - DPS (*)	1,232.00
312493	ULINE INC	EQUIPMENT - GG	1,220.12
312513	VERIZON CONNECT NWF INC	SUBSCRIPTION - PW	1,171.09
312472	JOHNSTONE SUPPLY	EQUIPMENT/SUPPLIES/PARTS - PW	1,141.44
312461	COSTAR REALTY INFORMATION INC	SUBSCRIPTION - DPS	1,136.05
312478	ACE HARDWARE & RENTAL	SUPPLIES/TOOLS - PD/PW/FD	1,118.57
8394(A)	FOX VALLEY FIRE & SAFETY CO	SERVICES - PW	1,086.80
8412(A)	WILMETTE TRUCK & BUS SERVICE INC	SERVICES - PW/FD	1,080.00
8405(A)	PARKMOBILE LLC	MONTHLY SERVICE FEES - PW	1,052.86
312537	CAITLIN MCKENZIE	REIMBURSEMENT - PD	1,043.68
312453	BOUND TREE MEDICAL LLC	SUPPLIES - FD	1,015.17
312506	BADE SUPPLY	SUPPLIES - PW	972.35
312471	JG UNIFORMS INC	UNIFORMS - PD	965.00
8425(A)	MONICA ARGUMEDO MD LLC	PROFESSIONAL SERVICES - PD	900.00
312495	VERIZON WIRELESS	TELECOMMUNICATIONS - IT	862.37
312542	ERIC GUSTASON	REIMBURSEMENT - PD	774.31
8396(A)	GRAINGER	SUPPLIES/PARTS - FD/PW	725.85
312536	OYA AKGUN	REIMBURSEMENT - GG	632.50
8422(A)	MERCHANTS CREDIT GUIDE CO	COLLECTIONS - FIN	614.18
8423(A)	CIVILTECH ENGINEERING INC	PROFESSIONAL SERVICES - DPS	596.05
312485	RHOMAR INDUSTRIES INC	SUPPLIES - PW	586.60
8413(A)	ALPHAGRAPHICS US333	PRINTING - GG	581.90
8398(A)	HIGHLAND PARK FORD LINCOLN	PARTS - PD	574.20
312522	ALLIED GARAGE DOOR INC	SERVICES - PW (*)	557.00
312463	EL-COR INDUSTRIES INC	PARTS - PD/PW	541.89
312556	WILLIAM HUMPHRIES	REIMBURSEMENT - PD	540.75
312498	CINTAS CORPORATION #2	SUPPLIES - PD	538.56
312483	NORTHWEST FREIGHTLINER	PARTS - FD	535.53
312477	NEHER ELECTRIC SUPPLY INC	SUPPLIES - PW	529.34
8429(A)	CHICAGO PARTS & SOUND ENTERP LLC	PARTS - PW	529.06
312467	IPIA	TRAINING - DPS	525.00
312504	KELLEY WILLIAMSON COMPANY	SERVICES - PW	500.00
8391(A)	VESTIS SERVICES LLC	SUPPLIES - PW	497.12
312464	FIELDS JEEP INC/FIELDS CHRYSLER	PARTS - PD	478.51
312531	CRISIS RESPONSE CONNECTION LLC	TRAINING - PD	470.00
312457	COMCAST CABLE	TELECOMMUNICATIONS - IT	465.35
312499	WATERWAY GAS & WASH COMPANY	SERVICES - PD	460.50
312533	CAROLINA CASUALTY INSURANCE CO	OVERPAYMENT REFUND - FD	445.24
312452	GW BERKHEIMER CO INC	PARTS - PW	418.99
312520	LINDE GAS & EQUIPMENT INC	SUPPLIES - FD/PW	395.35
312550	MICHAEL TADLEY	REIMBURSEMENT - PD	369.88
8403(A)	MOTION INDUSTRIES INC	PARTS - PW	361.41
312530	FIRENUGGETS INC	TRAINING - FD	350.00
312466	GOLF MILL FORD	PARTS/SUPPLIES - PD/PW	349.86
8411(A)	THOMSON REUTERS	SUBSCRIPTION - PD	349.30
312555	TODD FEINGOLD	REIMBURSEMENT - PD	326.78
312559	TERRY CICHOCKI	REIMBURSEMENT - PW	320.00
312470	INTERSTATE POWER SYSTEMS INC	PARTS - FD	319.34
312553	OLIVIA SANKIEWICZ	REIMBURSEMENT - PD	316.00
312538	ADAM WORTHINGTON	REIMBURSEMENT - PD	302.17
312468	ILLINOIS SECRETARY OF STATE	LICENSE PLATES - PD	302.00
312486	ROTARY CLUB OF NORTHBROOK	MEMBERSHIPS - GG	300.00
312541	CYNTHIA PLAZAS	REIMBURSEMENT - PD	297.11
312545	JESSICA ARIAS	REIMBURSEMENT - PD	275.36
312460	COOK COUNTY RECORDER OF DEEDS	RECORDING FEES - DPS	269.00
312475	MULTIPLE CONCRETE ACCESSORIES CORP	SUPPLIES - PW	268.00

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312500	STATE GRAPHICS	PRINTING - GG	260.00
312494	V3 COMPANIES LTD	PROFESSIONAL SERVICES - PW	250.00
312560	SCOTT HODGE	REIMBURSEMENT - PW	243.60
312527	ATLASTICITY LLC	PROFESSIONAL SERVICES - IT	230.19
312489	STANDARD EQUIPMENT COMPANY	PARTS - PW	224.96
312544	JAMES FRIEL	REIMBURSEMENT - PD	209.56
312496	WEST SIDE TRACTOR SALES	PARTS - PW	208.46
312552	NICHOLAS WHITE	REIMBURSEMENT - PD	205.69
312540	BRAD GUTWILLIG	REIMBURSEMENT - PD	203.18
312505	ATLAS BOBCAT LLC	PARTS - PW	201.26
312547	JONATHAN SALMI	REIMBURSEMENT - PD	200.39
312548	KEITH SCHULTZ	REIMBURSEMENT - PD	198.37
312551	NANCY VACCARO	REIMBURSEMENT - PD	175.56
312534	CIGNA	OVERPAYMENT REFUND - FD	168.04
312543	ILONA MYKHNYCH	REIMBURSEMENT - PD	163.67
312507	ARTISTIC ENGRAVING	UNIFORMS - PD	162.57
312521	LINDE GAS & EQUIPMENT INC	SUPPLIES - FD	158.95
312497	CINTAS CORPORATION #2	UNIFORMS - PW	155.12
312523	PLUNKETT'S PEST CONTROL INC	SERVICES - PW	151.41
312546	JOHN USTICH	REIMBURSEMENT - PD	150.00
8410(A)	MICHAEL WAGNER & SONS INC	SUPPLIES - PW	147.58
312535	KATHLEEN YAVITT	REIMBURSEMENT - FD	141.79
312549	MATTHEW JOHNSON	REIMBURSEMENT - PD	138.78
312456	COMCAST CABLE	CABLE/INTERNET - PD	128.50
312561	TIM HENDRICKS	REIMBURSEMENT - FD	114.14
312557	TYLER HEINZ	REIMBURSEMENT - FD	113.11
8390(A)	APPLIED CONCEPTS INC	SERVICES - PD	107.50
312516	ACCURATE EMPLOYMENT SCREENING LLC	SERVICES - GG	104.85
312459	COOK COUNTY RECORDER OF DEEDS	RECORDING FEES - GG	100.00
8437(A)	SWANSONS BLOSSOM SHOP	SERVICES - PD	100.00
312526	CONSENSUS CLOUD SOLUTIONS LLC	SUBSCRIPTION - IT	99.95
312539	ALAN SMITH	REIMBURSEMENT - PD	98.63
312479	ACE NORTHBROOK HARDWARE & RENTAL	SUPPLIES - PW	90.19
312503	ICS JAIL SUPPLIES INC	PROFESSIONAL SERVICES - PD	78.87
312515	HUNGER RESOURCE NETWORK	FY 2026 VEHICLE STICKER DONATIONS - FIN	75.00
312482	NORTHSHORE UNIVERSITY HEALTHSYSTEM	TRAINING - FD	72.50
8399(A)	LOGSDON OFFICE SUPPLY	SUPPLIES - PD	69.30
8408(A)	SPOK, INC.	SERVICES - PW	67.68
312554	STAN FERGUSON	REIMBURSEMENT - PD	61.98
8409(A)	THIRD MILLENNIUM ASSOCIATES INC	PROFESSIONAL SERVICES - FIN	54.52
312488	SHERWIN WILLIAMS COMPANY	SUPPLIES - PW	40.20
8436(A)	WHALE SUPPLY LLC	SUPPLIES - PW	37.02
312525	ONCE UPON A DELI	CANTEEN - PD	30.00
312558	SCOTT LEMKE	REIMBURSEMENT - PW	30.00
		CLASS 'A' TOTAL	**726,748.06**

CLASS 'B' WARRANTS

4/15/26	PAYROLL	4/15/2026 PAYROLL	968,812.41
49(E)	IPBC	HEALTH INSURANCE - GG	628,876.67
518(E)	MIDWEST OPERATING ENGINEERS WELFARE	HEALTH INSURANCE - GG	80,880.00
515(E)	FEDEX	SHIPPING - PW	50.16
519(E)	FEDEX	SHIPPING - PD	27.90
516(E)	QUADIENT FINANCE USA INC	SHIPPING - PW	8.16
		CLASS 'B' TOTAL	**1,678,655.30**
		REPORT TOTAL	***2,405,403.36***

PROCLAMATION
RECOGNIZING MAY 3 – 9, 2026
AS DRINKING WATER WEEK

WHEREAS, May 3 – 9, 2026 the Village will join communities throughout the United States to celebrate national Drinking Water Week. This annual observance celebrates water as our most valuable natural resource and promotes the practice of water conservation; and

WHEREAS, the Public Works Department, in partnership with the American Water Works Association, is celebrating national Drinking Water Week to recognize the vital role tap water plays in daily life, the infrastructure that is required to carry it to and from homes and businesses, and the important work of water professionals; and

WHEREAS, water systems play a critical part in consumers' health, hygiene, and hydration. The Village utilizes more than 200 miles of buried pipes to ensure reliable water is transported from Lake Michigan to the Water Plant for treatment then into homes and businesses.

NOW, THEREFORE, Kathryn L. Ciesla, President by virtue of the authority vested in me by the laws of the Village of Northbrook, do hereby proclaim May 3 through 9, as

DRINKING WATER WEEK

The Village of Northbrook asks all community members to celebrate the role clean drinking water plays in daily life and to commit to protecting and conserving this vital natural resource.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION

RECOGNIZING MAY 3 THROUGH MAY 9 AS SMALL BUSINESS WEEK

WHEREAS, every year since 1963, the President of the United States has issued a proclamation announcing National Small Business Week to recognize the contributions of entrepreneurs and small business owners; and

WHEREAS, small businesses represent the entrepreneurial spirit of our nation, driving innovation and creating opportunities; and

WHEREAS, according to the U.S. Small Business Administration, more than half of all Americans either own or work for a small business; and

WHEREAS, Illinois is home to 1.2 million small businesses, employing 2.5 million individuals; and

WHEREAS, the Village of Northbrook is home to a diverse collection of small businesses that provide vital public revenue, rewarding jobs, and a vibrant environment for residents and visitors; and

WHEREAS, the Village, along with the Northbrook Chamber of Commerce and Industry, facilitates and supports small businesses with Shop Local campaigns, educational opportunities, and referral services; and

WHEREAS, the Northbrook Chamber plays a vital role in supporting small businesses by providing networking opportunities, advocacy, and resources to help them grow and thrive; and

WHEREAS, Small Business Week is an opportunity to recognize the contributions of small businesses to our economy and to honor the hard work and dedication of small business owners and entrepreneurs, as well as the support of the Northbrook Chamber of Commerce and Industry; and

WHEREAS, Small Business Week is an occasion to celebrate the resiliency and perseverance of small businesses and make residents aware of the importance of small businesses in our community, and to support these businesses through their patronage.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim May 3 through May 9, 2026, as

SMALL BUSINESS WEEK

in the Village of Northbrook and ask everyone to support local small businesses when shopping, dining, and purchasing services to support their growth and success.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION

RECOGNIZING MAY AS
ASIAN AMERICAN AND PACIFIC ISLANDER HERITAGE MONTH

WHEREAS, Asian American and Pacific Islander (AAPI) heritage is celebrated in the United States each May beginning in 1978 and was made into a month-long celebration in 1992 by Congress; and

WHEREAS, this commemorative occasion broadly applies to, but is not limited to, all of the Asian continent and the Pacific islands of Melanesia (New Guinea, New Caledonia, Vanuatu, Fiji, and the Solomon Islands), Micronesia (Marianas, Guam, Wake Island, Palau, Marshall Islands, Kiribati, Nauru, and the Federated States of Micronesia), and Polynesia (New Zealand, Hawaiian Islands, Rotuma, Midway Islands, Samoa, American Samoa, Tonga, Tuvalu, Cook Islands, French Polynesia, and Easter Island); and

WHEREAS, AAPI Heritage Month is a time to celebrate the achievements of and pay tribute to the generations of Asian American and Pacific Islanders that have contributed to American history; and

WHEREAS, Asian American and Pacific Islanders have distinguished themselves as leading researchers in science, medicine, and technology; innovative farmers and ranchers; distinguished lawyers, judges, and government leaders; in the arts, literature, and sports; as war heroes who defend our country; and as peacetime healthcare heroes; and

WHEREAS, while we celebrate the achievements and contributions of the AAPI community that enrich our history, society, and culture, we must also acknowledge the additional determination, hard work, and perseverance AAPI individuals must put forth to be heard and seen and that these additional efforts are a result of inequitable institutional and systemic injustices; and

WHEREAS, the Village of Northbrook is proud to recognize May as AAPI Heritage Month in appreciation of the many achievements and contributions of the AAPI community to our local, state, and national communities.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

ASIAN AMERICAN AND PACIFIC ISLANDER HERITAGE MONTH

in the Village of Northbrook and urge residents to recognize and celebrate the achievements and contributions made by the AAPI community that enrich our lives.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION
RECOGNIZING MAY AS
MENTAL HEALTH AWARENESS MONTH

WHEREAS, during the month of May, the Village of Northbrook, along with numerous other communities, raises awareness of the importance of mental health and its impact on the well-being of children, adults, families, and communities across the country while also giving thanks to the dedicated mental health providers whose service and support improve the lives of so many; and

WHEREAS, mental health is essential to everyone's overall health and well-being; and

WHEREAS, the Village stands in solidarity with those who are experiencing mental health conditions and renews our commitment to providing them with the support they need and deserve; and

WHEREAS, each of us has an important role to play in supporting those living with mental health conditions to include learning the warning signs of emotional distress and suicide; engaging affected loved ones in supportive dialogue; fighting the prejudice and negative attitudes that discourages those in need from seeking mental health support; and, above all, letting us collectively ensure that all children and adults experiencing mental health challenges are treated with the compassion, respect, and understanding they deserve; and

WHEREAS, everyone experiences times of difficulty and stress in their lives and should feel comfortable in seeking help and support to manage these times; and

WHEREAS, mental illnesses are real and prevalent in our nation, but engaging in prevention, early identification, and early intervention are effective ways to reduce the impact of mental illnesses; and

WHEREAS, during this month, we recommit to increasing awareness and understanding of mental health, the steps we can take to protect mental health, and the need for appropriate and accessible services for all people with mental illnesses.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

MENTAL HEALTH AWARENESS MONTH

in the Village of Northbrook and urge all community members to join in activities and take action to strengthen the mental health of our community.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION
RECOGNIZING MAY
AS NATIONAL BIKE MONTH

WHEREAS, May is National Bike Month sponsored by the League of American Bicyclists and celebrated in communities from coast to coast; and

WHEREAS, established in 1956, National Bike Month is a chance to showcase the many health benefits of bicycling, a wholesome family recreation, and encourage more people to give biking a try since the bicycle is a viable, environmentally sound form of transportation and an excellent form of recreation; and

WHEREAS, bicycling activities and attractions have great potential to have a positive impact on Northbrook's economy and to stimulate local economic development by making our Village attractive to businesses and citizens who enjoy the outdoors and healthy lifestyles; and

WHEREAS, the Village encourages everyone to explore the joys of bicycling during the month of May through educational programs, commuting events, or just getting out and going for a ride; and

WHEREAS, whether you bike to work or school, ride to save money or time, or pump those pedals to preserve your health or the environment, National Bike Month is an opportunity to celebrate the unique power of the bicycle and the many reasons we ride; and

WHEREAS, creating bicycle-friendly communities has been shown to improve citizens' health, well-being, and quality of life, boost community spirit, improve traffic safety, and reduce pollution and congestion; and

WHEREAS, the week of May 11 through May 17, 2026, the Northbrook Pedestrian and Bicycle Commission as well as the Village will join communities throughout the nation to celebrate Bike to Work Week and Bike to Work Day on Friday, May 15.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

NATIONAL BIKE MONTH

in the Village of Northbrook and urge all residents to recognize the importance of encouraging and supporting the use of bicycles as a leisure activity as well as an environmentally friendly alternative to the automobile in Northbrook.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION
RECOGNIZING MAY AS OLDER AMERICANS MONTH

WHEREAS, Northbrook includes a growing number of older Americans who contribute their time, wisdom, and experience to our community; and

WHEREAS, communities benefit when people of all ages, abilities, and backgrounds have the opportunity to participate and live independently; and

WHEREAS, Northbrook recognizes the need to create a community that offers the services and supports older adults who may need to make choices about how they age; and

WHEREAS, Northbrook can work to build an even better community for our older residents by not limiting our thinking about aging, exploring and combating stereotypes, emphasizing the many positive aspects of aging, inspiring older adults to push past traditional boundaries, and embracing our community's diversity.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

OLDER AMERICANS MONTH

in the Village of Northbrook and urge all community members to celebrate our older citizens, help to create an inclusive society, and accept the challenge of flexible thinking around aging.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

PROCLAMATION

RECOGNIZING MAY AS
NATIONAL PHYSICAL FITNESS AND SPORTS MONTH

WHEREAS, during National Physical Fitness and Sports Month, the Village of Northbrook renews our commitment to staying active and encourages everyone to participate in activities that improve their well-being and lead to healthier lifestyles; and

WHEREAS, fitness and sports are not only good for our physical health, but they also improve the quality of our lives overall; and

WHEREAS, experts agree that even small amounts of physical activity can make a significant difference in a person's physical and mental health; and

WHEREAS, during Physical Fitness and Sports Month, let us all find ways to become more physically active in our daily lives - take a walk, go for a bike ride, try a new fitness class, join a local sports team, or volunteer at a community race; and

WHEREAS, whatever physical activity you choose, fitness will lead to better and healthier lives for all.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

NATIONAL PHYSICAL FITNESS AND SPORTS MONTH

in the Village of Northbrook and urge everyone to make daily physical activity a priority, to support efforts to increase access to sports opportunities in their communities, and to pursue physical fitness as an essential part of healthy living.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____

Kathryn L. Ciesla, Village President

ATTEST:

_____

Derek Gau, Village Clerk

PROCLAMATION
RECOGNIZING MAY AS SLOW MOW MAY

WHEREAS, beneficial pollinators, such as native insects and birds, have been declining in numbers due to habitat loss and environmental degradation; and

WHEREAS, through commitments including the Mayors Monarch Pledge and Northbrook's Climate Action Plan, the Village is determined to support pollinator-friendly habitats to combat this concerning trend; and

WHEREAS, ideal habitat for pollinators is comprised of mostly native plant species that bloom in succession throughout the growing season, excludes exposure to harmful chemical compounds such as pesticides and inorganic fertilizer, includes undisturbed spaces of leaf or brush piles for nesting and overwintering, unmown fields, and provides connectivity between habitat areas to support pollinator movement and resilience; and

WHEREAS, the formative period for the establishment of pollinator insect populations occurs in spring when they emerge from overwintering sites and begin to feed on native wildflowers; and

WHEREAS, spring flowers are crucial in providing early energy sources and habitat for queen bees to begin growing colonies; and

WHEREAS, the opportunity to establish beneficial insect populations is drastically reduced with early spring leaf litter removal and grass mowing; and

WHEREAS, the environmental advocacy campaign called 'Slow Mow May' is a movement to make some of our 40 million acres of American lawns and turf a more hospitable environment for wildlife; and

WHEREAS, this Proclamation serves as an indication that before June 1, 2026, the Village of Northbrook may suspend enforcement of the Municipal Code for excessive grass height declared nuisance, permitting all residents to participate in this program and voluntarily delay lawn-care practices until June 1, 2026; and

WHEREAS, this practice will allow pollinators to emerge and early flowering grasses and forbs to establish.

NOW, THEREFORE, I, Kathryn L. Ciesla, President of the Village of Northbrook, County of Cook, and State of Illinois, do hereby proclaim the month of May 2026, as

SLOW MOW MAY

in the Village of Northbrook. As such the Village and the Sustainability Commission jointly recognize Slow Mow May to actively promote and educate the community about the critical period of pollinator emergence and generation of pollinator-friendly habitat.

GIVEN, under my hand and seal of the Village of Northbrook, this 28th day of April, 2026.

_____
Kathryn L. Ciesla, Village President

ATTEST:

_____
Derek Gau, Village Clerk

MEMORANDUM

To: Village Board of Trustees
From: Village Manager Cara Pavlicek
Date: 2026-04-28
Subject: A Resolution Authorizing the Approval of a Policy Concerning Electronic Attendance at Meetings

Overview
From time to time the Village updates its existing policy for members of public bodies to attend meetings electronically to include changes to the Illinois Open Meetings Act.

Fiscal Impact
N/A.

Recommendation
Approval.

Background

In 2006, pursuant to amendments to the Illinois Open Meetings Act, 5 ILCS 120/1 *et seq.* (*"Act"),* the Village adopted a policy authorizing members of public bodies to attend meetings electronically ("*Policy*"), which policy applies to all public bodies of the Village that are subject to the Act. In 2023, the Village updated the Policy to incorporate amendments made to the Act by the Illinois General Assembly to allow electronic attendance at meetings of public bodies when a member has unexpected childcare obligations. In 2025, the Illinois General Assembly further amended the Act to allow electronic attendance at meetings of public bodies for members that are performing active military duty as a service member. The proposed resolution updates the Policy to incorporate these new amendments to the Act.

Exhibit A is attached and contains the 2025 change.

Resolution Updating Remote Meeting Policy
Exhibit A - Remote Meeting Policy

Resolution 2026-

BE IT RESOLVED by the President and the Board of Trustees of the Village of Northbrook, County of Cook, and State of Illinois, THAT:

A Resolution Authorizing the Approval of a Policy Concerning Electronic Attendance at Meetings

is hereby adopted, as follows:

Section 1. Recitals.

In 2006, pursuant to amendments to the Illinois Open Meetings Act, 5 ILCS 120/1 *et seq.* (***"Act"),*** the Village adopted a policy authorizing members of public bodies to attend meetings electronically ("***Policy***"), which policy applies to all public bodies of the Village that are subject to the Act.

In 2023, the Village updated the Policy to incorporate amendments made to the Act by the Illinois General Assembly to allow electronic attendance at meetings of public bodies when a member has unexpected childcare obligations.

In 2025, the Illinois General Assembly further amended the Act to allow electronic attendance at meetings of public bodies for members that are performing active military duty as a service member.

The Village Board desires to update the Policy to incorporate these new amendments to the Act.

The Village Board finds and determines that updating the Policy is useful to assure compliance with the Act and in the best interests of the Village.

Section 2. Approval of Policy.

The "Electronic Attendance At Meetings Policy," attached to this Resolution as **Exhibit A**, authorizing electronic attendance at meetings of all public bodies of the Village (***"Policy"***) shall be, and it is hereby, approved.

Section 3. Effective Date.

This Resolution and the Policy shall be effective upon their passage and approval in the manner required by law.

PASSED: This ____ day of _____, 2026.

AYES: ( )

NAYS: ( )

ABSENT: ( )

ABSTAIN: ( )

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

VILLAGE OF NORTHBROOK, ILLINOIS

ELECTRONIC ATTENDANCE AT MEETINGS POLICY

I. Background and Purpose.

The Illinois Open Meetings Act, 5 ILCS 120/1 *et seq.* (the "Act"), requires that the actions of public bodies be taken openly and that their deliberations be conducted openly, except for certain limited circumstances that permit closed meetings. Pursuant to Public Act 94-1058, the Illinois General Assembly amended various provisions of the Act, which amendments become effective on January 1, 2007. These amendments include certain clarifications to the definition of "meeting" to include meetings by electronic means and the adoption of rules for electronic meeting attendance by members of public bodies. This Policy is intended to adopt certain rules and procedures for electronic meeting attendance by members of boards, commissions, and committees of the Village consistent with the Act, as amended.

II. Definitions.

"***Electronic Attendance***" shall mean the attendance at a meeting of a Public Body by a member of that Public Body who is not physically present at the meeting but attends by either video or audio conference.

"***Public Body***" shall mean the Village Board of Trustees, the Plan Commission, the Zoning Board of Appeals, and all other subsidiary boards, commissions, and committees of the Village that are subject to the Act.

III. Member Qualifications for Electronic Attendance.

A member of a Public Body is qualified to attend a meeting of that Public Body electronically only if the member is physically prevented from attending the meeting by:

(1) personal illness or disability;

(2) employment purposes or the business of the public body;

(3) a family or other emergency; ~~or~~

(4) unexpected childcare obligations~~.~~**; or**

(5) performance of active military duty as a service member.

IV. Procedures for Authorizing Electronic Attendance.

The following procedures are required before a member of a Public Body is authorized to attend electronically a meeting of that Public Body:

A. Notice to the Clerk. The member must notify the Village Clerk in writing at least four hours prior to the meeting in which the member desires to attend electronically, unless

advance notice is impractical. The notice shall be substantially in the form attached to this Policy as Exhibit 1 and shall identify the reason the member cannot be physically present at the meeting in accordance with Section III of this Policy. If the member is unable to give the required written notice prior to the meeting, the member shall notify the Clerk by other means prior to the meeting and shall submit the required written notice as soon as practicable following the meeting.

B. Determination of Authorization of Electronic Attendance. Upon receipt of notice in accordance with Subsection IV.A, the Clerk shall promptly forward the notice to the presiding officer of the Public Body. After establishing that a quorum of the Public Body is physically present at the meeting at which a member has requested to attend electronically, the presiding officer shall state that (i) a notice was received by a member of the Public Body in accordance with this Policy, and (ii) the member will be deemed authorized to attend the meeting electronically unless a motion objecting to the member's electronic attendance is made, seconded, and approved by two-thirds of the members of the Public Body physically present at the meeting. If no such motion is made and seconded or if any such motion fails to achieve the required vote by the members of the Public Body physically present at the meeting, then the request by the member to attend the meeting electronically shall be deemed approved by the Public Body and the presiding officer shall declare the requesting member present. After such declaration by the presiding officer, the question of a member's electronic attendance may not be reconsidered.

V. Special Rules for Meetings Involving Electronic Attendance.

A meeting of a Public Body at which any member has been authorized to attend electronically in accordance to Section IV of this Policy must be conducted in accordance with the following special rules, in addition to any other applicable rules and procedures of the Public Body:

A. Roll Call and Quorum. A quorum of the Public Body must be physically present at the meeting. Following the call of the roll, and at the conclusion of the procedures set forth in Section IV.B of this Policy, the presiding officer shall identify each member who is attending the meeting electronically.

B. Identification and Recognition of Electronic Attendees. Any member attending electronically must identify himself or herself each time the member wishes to speak and must be recognized by the presiding officer prior to addressing matters before the Public Body.

C. Public Access to Meeting. The speech of a member attending electronically shall be amplified in such a manner that it shall be generally audible to members of the Public Body and the public who are physically present at the meeting. Also, any video image of a member attending electronically shall be projected in such a manner that the member's video image shall be generally visible and audible to members of the Public Body and the public who are physically present at the meeting. In addition, the votes of any member of the Public Body attending electronically shall be generally audible at the location where such meeting is being held and expressly acknowledged by the presiding officer. When a member attends a closed meeting electronically, the member's speech shall be generally audible to all members of the Public Body who are physically present at the meeting, and the audio recording of the meeting required by the Act shall incorporate the speech of the member electronically attending the closed meeting.

D. Minutes. The minutes of each meeting of a Public Body shall identify which of the members of the Public Body were physically present and, if applicable, which members of the Public Body attended electronically. The minutes shall also reflect the reason for a member's attendance electronically (as described in Section III of this Policy), the fact that there was no valid objection to such attendance pursuant to this Policy, and the electronic means by which the member attended the meeting.

VI. Effect of Electronic Attendance.

A member attending a meeting of a Public Body electronically shall be considered present at the meeting and entitled to vote on any matter before the Public Body as if the member were physically present at the meeting, provided that the member's attendance at the meeting electronically complies with the terms of this Policy.

VII. Emergency and Disaster Situations.

In the event of a bona fide disaster, as defined in the Illinois Emergency Management Agency Act, 20 ILCS 3305/1 *et seq.* ("***IEMAA***"), this Policy shall not apply to restrict the conduct of public business by a Public Body, provided such public business is conducted in accordance with Subsection 10(j) of the IEMAA.

Appendix A

Form of Notice

I, _____, am a member of the Village's _____, a Public Body. In accordance with Subsection IV.A of the Village's "Electronic Attendance at Meetings Policy," I am submitting this notice evidencing my desire to electronically attend the _____, 20___, meeting of the Public Body. I am physically prevented from attending that meeting due to one or more of the following circumstances:

- ☐ Personal illness or disability.
- ☐ Employment purposes or the business of the public body.
- ☐ A family or other emergency.
- ☐ Unexpected childcare obligations.
- ☐ **Performance of active military duty as a service member**.

Date: _____ Signature:

_____

EXHIBIT A

VILLAGE OF NORTHBROOK, ILLINOIS

ELECTRONIC ATTENDANCE AT MEETINGS POLICY

I. Background and Purpose.

The Illinois Open Meetings Act, 5 ILCS 120/1 *et seq.* (the "Act"), requires that the actions of public bodies be taken openly and that their deliberations be conducted openly, except for certain limited circumstances that permit closed meetings. Pursuant to Public Act 94-1058, the Illinois General Assembly amended various provisions of the Act, which amendments become effective on January 1, 2007. These amendments include certain clarifications to the definition of "meeting" to include meetings by electronic means and the adoption of rules for electronic meeting attendance by members of public bodies. This Policy is intended to adopt certain rules and procedures for electronic meeting attendance by members of boards, commissions, and committees of the Village consistent with the Act, as amended.

II. Definitions.

"***Electronic Attendance***" shall mean the attendance at a meeting of a Public Body by a member of that Public Body who is not physically present at the meeting but attends by either video or audio conference.

"***Public Body***" shall mean the Village Board of Trustees, the Plan Commission, the Zoning Board of Appeals, and all other subsidiary boards, commissions, and committees of the Village that are subject to the Act.

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(1) personal illness or disability;

(2) employment purposes or the business of the public body;

(3) a family or other emergency; ~~or~~

(4) unexpected childcare obligations~~.~~**; or**

(5) performance of active military duty as a service member.

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A. Notice to the Clerk. The member must notify the Village Clerk in writing at least four hours prior to the meeting in which the member desires to attend electronically, unless

advance notice is impractical. The notice shall be substantially in the form attached to this Policy as Exhibit 1 and shall identify the reason the member cannot be physically present at the meeting in accordance with Section III of this Policy. If the member is unable to give the required written notice prior to the meeting, the member shall notify the Clerk by other means prior to the meeting and shall submit the required written notice as soon as practicable following the meeting.

B. Determination of Authorization of Electronic Attendance. Upon receipt of notice in accordance with Subsection IV.A, the Clerk shall promptly forward the notice to the presiding officer of the Public Body. After establishing that a quorum of the Public Body is physically present at the meeting at which a member has requested to attend electronically, the presiding officer shall state that (i) a notice was received by a member of the Public Body in accordance with this Policy, and (ii) the member will be deemed authorized to attend the meeting electronically unless a motion objecting to the member's electronic attendance is made, seconded, and approved by two-thirds of the members of the Public Body physically present at the meeting. If no such motion is made and seconded or if any such motion fails to achieve the required vote by the members of the Public Body physically present at the meeting, then the request by the member to attend the meeting electronically shall be deemed approved by the Public Body and the presiding officer shall declare the requesting member present. After such declaration by the presiding officer, the question of a member's electronic attendance may not be reconsidered.

V. Special Rules for Meetings Involving Electronic Attendance.

A meeting of a Public Body at which any member has been authorized to attend electronically in accordance to Section IV of this Policy must be conducted in accordance with the following special rules, in addition to any other applicable rules and procedures of the Public Body:

A. Roll Call and Quorum. A quorum of the Public Body must be physically present at the meeting. Following the call of the roll, and at the conclusion of the procedures set forth in Section IV.B of this Policy, the presiding officer shall identify each member who is attending the meeting electronically.

B. Identification and Recognition of Electronic Attendees. Any member attending electronically must identify himself or herself each time the member wishes to speak and must be recognized by the presiding officer prior to addressing matters before the Public Body.

C. Public Access to Meeting. The speech of a member attending electronically shall be amplified in such a manner that it shall be generally audible to members of the Public Body and the public who are physically present at the meeting. Also, any video image of a member attending electronically shall be projected in such a manner that the member's video image shall be generally visible and audible to members of the Public Body and the public who are physically present at the meeting. In addition, the votes of any member of the Public Body attending electronically shall be generally audible at the location where such meeting is being held and expressly acknowledged by the presiding officer. When a member attends a closed meeting electronically, the member's speech shall be generally audible to all members of the Public Body who are physically present at the meeting, and the audio recording of the meeting required by the Act shall incorporate the speech of the member electronically attending the closed meeting.

D. Minutes. The minutes of each meeting of a Public Body shall identify which of the members of the Public Body were physically present and, if applicable, which members of the Public Body attended electronically. The minutes shall also reflect the reason for a member's attendance electronically (as described in Section III of this Policy), the fact that there was no valid objection to such attendance pursuant to this Policy, and the electronic means by which the member attended the meeting.

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In the event of a bona fide disaster, as defined in the Illinois Emergency Management Agency Act, 20 ILCS 3305/1 *et seq.* ("***IEMAA***"), this Policy shall not apply to restrict the conduct of public business by a Public Body, provided such public business is conducted in accordance with Subsection 10(j) of the IEMAA.

Appendix A

Form of Notice

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- ☐ Personal illness or disability.
- ☐ Employment purposes or the business of the public body.
- ☐ A family or other emergency.
- ☐ Unexpected childcare obligations.
- ☐ **Performance of active military duty as a service member**.

Date: _____ Signature:

_____

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing a Second Renewal of the Agreement for Sewer Televising and Cleaning Services with American Underground, Inc. of Wheeling, Illinois

Overview
The Village of Northbrook cleans and televises its sanitary and storm sewers to assess the condition of each individual sewer segment and ensure that the sewers function as designed.

Fiscal Impact
The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Sanitary Sewer Fund Account No. 14-4160-526-00 (Maintenance – Sewer) and Stormwater Fund Account No. 16-4190-527-00 (Maintenance – Storm Sewer) for sewer cleaning and televising services. Staff is requesting authorization for a total spending authority for the contract amount of $86,870. Funds will be drawn from these accounts as needed at rates outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Sanitary Sewer Fund - Maintenance - Sewer	14-4160-526-00	$81,970	$81,970	$61,870	$20,100	Yes
Stormwater Fund - Maintenance - Storm Sewer	16-4190-527-00	$157,950	$117,814	$25,000	$92,814	Yes

Recommendation
Approval.

Background

As part of its ongoing responsibilities, the Public Works Department maintains 134 miles of sanitary sewer main and 125 miles of storm sewers. In order to ensure that the Village's

sewers function as designed, crews periodically clean, televise, and assess the condition of each individual sewer segment and schedule any repairs as necessary.

The primary goal of televising sewers annually is to view and assess the condition of the pipes. This process involves cleaning sewers and televising to check for any deficiencies that need to be addressed. Televising allows staff to identify problem areas where sewers should have root cutting done, are in need of repair or to be lined. This program is an important part of meeting the Village's responsibilities for managing underground sewer systems with the Metropolitan Water Reclamation District of Greater Chicago's Watershed Management Ordinance.

In February 2024, staff prepared and issued a bid for sewer televising and cleaning services ("Services"). The Village received four (4) responses and staff determined that American Underground, Inc. of Wheeling, Illinois ("Contractor") submitted the lowest, most responsive bid and was awarded the contract for the Services ("Agreement") with Resolution 2024-84 on May 14, 2024.

The Agreement included an initial term, effective May 14, 2024 through April 30, 2025, with the option for up to three (3) one-year renewals upon mutual consent. Both staff and the Contractor wish to renew the agreement with cost adjustment increases not to exceed the average annual increase of the Consumer Price Index for the Chicago-Naperville-Elgin region over the previous 12-month period, which was 2.0% ("Renewal"). The term of this second Renewal will be from May 1, 2026, to April 30, 2027. The Renewal is included as Exhibit A.

Staff will be in attendance at the Village Board meeting for any questions that may arise.

A Resolution Authorizing a Second Renewal of the Agreement for Sewer Televising and Cleaning Services with American Underground, Inc. of Wheeling, Illinois
Exhibit A - Second Renewal of Sewer Televising and Cleaning Services
Supplemental Information - Maps for Sanitary and Sewer Televising and Manhole Inspections

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing a Second Renewal of the Agreement for Sewer Televising and Cleaning Services with American Underground, Inc. of Wheeling, Illinois

is hereby adopted, as follows:

Section 1. Recitals

As part of its ongoing responsibilities, the Public Works Department maintains 134 miles of sanitary sewer main and 125 miles of storm sewers. In order to ensure that the Village's sewers function as designed, crews periodically clean, televise, and assess the condition of each individual sewer segment and schedule any repairs as necessary. The televising and inspections allow staff to identify areas where sewers or manholes have failed and where roots have infiltrated the sewer and need to be cleaned ("***Services***").

In February 2024, Village staff prepared and issued a bid package for the Services. On February 26, 2024, the Village received four responses. Staff determined that American Underground, Inc. of Wheeling, Illinois ("***Contractor***") submitted the lowest, most responsive bid and was awarded the contract for the Services ("***Agreement***") with Resolution 2024-84.

The initial term for this Agreement was effective May 14, 2024, through April 30, 2025. The Agreement with the Contractor includes the option for up to three one-year renewals. Both staff and the Contractor wish to renew the agreement with cost adjustment increases not to exceed the average annual increase of the Consumer Price Index (CPI) for the Chicago-Naperville-Elgin region over the previous 12-month period, which was 2% ("***Renewal***"). This is the second Renewal for the Services that will be from May 1, 2026, through April 30, 2027. The Renewal is included as ***Exhibit A*** to this Resolution.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Sanitary Sewer Fund Account No. 14-4160-526-00 (Maintenance – Sewer) and Stormwater Fund Account No. 16-4190-527-00 (Maintenance – Storm Sewer) for sewer cleaning and televising services. Staff is requesting authorization for a total spending authority for the contract amount of $86,870. Funds will be drawn from these accounts as needed at the rates outlined in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the Renewal in accordance with the prices set forth in ***Exhibit A***.

The President and the Board of Trustees have considered the Renewal and determined that it is in the best interests of the Village and the public to approve the Renewal.

Section 2. Approval of Renewal

The Renewal with the Contractor to provide the Services during Fiscal Year 2026-27 at the costs outlined in ***Exhibit A*** is hereby approved.

Section 3. Authorization to Execute Renewal

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Services from the Contractor in accordance

with the terms of the Renewal for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF NORTHBROOK
SEWER TELEVISING AND CLEANING SERVICES

SECOND RENEWAL OF CONTRACT

THIS SECOND RENEWAL ("***Renewal***") is made and entered into by the **VILLAGE OF NORTHBROOK** ("***Village***"), an Illinois home rule municipality and the party named below as of the date of the last signature affixed hereto.

CONTACTOR: **American Underground, Inc.**
246 Marquardt Dr., Wheeling, IL 60090
ATTN: David Kerber
david@auinc.tv ("***Contractor***")

In consideration of the recitals and mutual covenants and agreements set forth in this Renewal, the receipt and sufficiency of which are hereby acknowledged and agreed, the parties agree as follows:

Section 1. Recitals.

A. The Village and Contractor entered into that certain contractual agreement titled Sewer Televising and Cleaning Services as of May 14, 2024 (***"Contract"***), under which the Contractor agreed to provide internal closed circuit television (CCTV) inspection of both sanitary and storm sewers, including preparatory cleaning, disposal of debris, bypass pumping, traffic control, and completion and submittal of logs, as more fully described in the Contract and the attachments thereto (collectively, ***"Services"***).

B. The Contract provided for an initial one-year term (***"Initial Term"***), which Initial Term expired on April 30, 2025.

C. The Contract provides that that the term of the Contract may be renewed and extended for up to three (3) annual terms upon mutual agreement of the Parties.

D. The Village has been satisfied with the Contractor's performance of the Services and the Contractor has agreed to continue to provide the Services as set forth in this Renewal.

Section 2. Definitions and Interpretation.

All capitalized words and phrases used throughout this Renewal have the means set forth in the various provisions of this Renewal. If a word or phrase is not specifically defined in this Renewal, it shall have the same meaning as in the Contract.

Section 3. Renewal of the Contract.

The Village and the Contractor hereby amend the Contract to renew and extend the Contract for a renewal term to commence on May 1, 2026 and end on April 30, 2027 ("***Renewal Term***). During the Renewal Term, the Village will pay the Contractor for the Services in accordance with the Renewal Fee Schedule attached to, and by this reference made a part of, this Renewal as ***Exhibit A.***

Section 4. Legal Effect of Renewal.

All terms, conditions and provisions of the Contract that are not specifically amended, modified, or supplemented by this Renewal shall remain unchanged and in full force and effect as if fully set forth herein. In the event of a conflict between the Contract and the provisions of this Renewal, the text of this Renewal shall control.

IN WITNESS WHEREOF, the Parties have caused this Second Amendment to be executed by their duly authorized representatives.

ATTEST:

By:_____
Derek Gau, Village Clerk

Date:_____

WITNESS:

By:_____

Date: March 30, 2026

VILLAGE OF NORTHBROOK

By:_____
Cara Pavlicek, Village Manager

Date_____

American Underground, Inc.

By:_____
David Kerber

Date: March 30, 2026

EXHIBIT A

RENEWAL FEE SCHEDULE

Table 1

Contract Year	Dates	Yearly Maximum Contract Price (not to exceed)
Year 1	May 1, 2024 - April 30, 2025	$59,585.00
Year 2	May 1, 2025 - April 30, 2026	$61,780.00
Year 3	May 1, 2026 - April 30, 2027	$86,870.00

**Per Section 2(a) of Contract – the Village anticipates providing the total project budget for subsequent renewal years, and services will be completed up to the budgeted amount.*

All televising work to be performed during the Renewal Term shall be completed on or before December 30, 2026. The Contractor shall submit all required reports and documentation no later than January 15, 2027. In the event the Contractor fails to complete the Work by December 30, 2026, the Village shall have the right to assess liquidated damages in the amount of Five Hundred Dollars ($500) per calendar day for each day the Work remains incomplete beyond the specified completion date.

Table 2

Televising (NASSCO Type 1)

Pipe Size	Type		Estimated Footage	Price per foot	Total
8"	Sanitary	Non-Easement	18,285	$1.62	$29,621.70
		Easement	1,987	$1.62	$3,218.94
8"	Storm	Non-Easement	683	$1.62	$1,106.46
		Easement	17	$1.62	$27.54
10"	Sanitary	Non-Easement	5,570	$1.62	$9,023.40
		Easement	463	$1.62	$750.06
10"	Storm	Non-Easement	1,887	$1.62	$3,056.94
		Easement	0	$1.62	$0.00
12"	Sanitary	Non-Easement	648	$1.62	$1,049.76
		Easement	0	$1.62	$0.00
12"	Storm	Non-Easement	2,574	$1.62	$4,169.88
		Easement	0	$2.02	$0.00
15"	Sanitary	Non-Easement	0	$1.62	$0.00
		Easement	0	$1.94	$0.00
15"	Storm	Non-Easement	725	$1.62	$1,174.50
		Easement	197	$2.02	$397.94
18"	Sanitary	Non-Easement	0	$1.62	$0.00
		Easement	0	$1.94	$0.00
18"	Storm	Non-Easement	269	$1.62	$435.78
		Easement	0	$2.02	$0.00
24"	Sanitary	Non-Easement	0	$1.62	$0.00
		Easement	0	$1.94	$0.00
24"	Storm	Non-Easement	27	$1.62	$43.74
		Easement	0	$1.94	$0.00
27"	Storm	Non-Easement	1,297	$1.62	$2,101.14

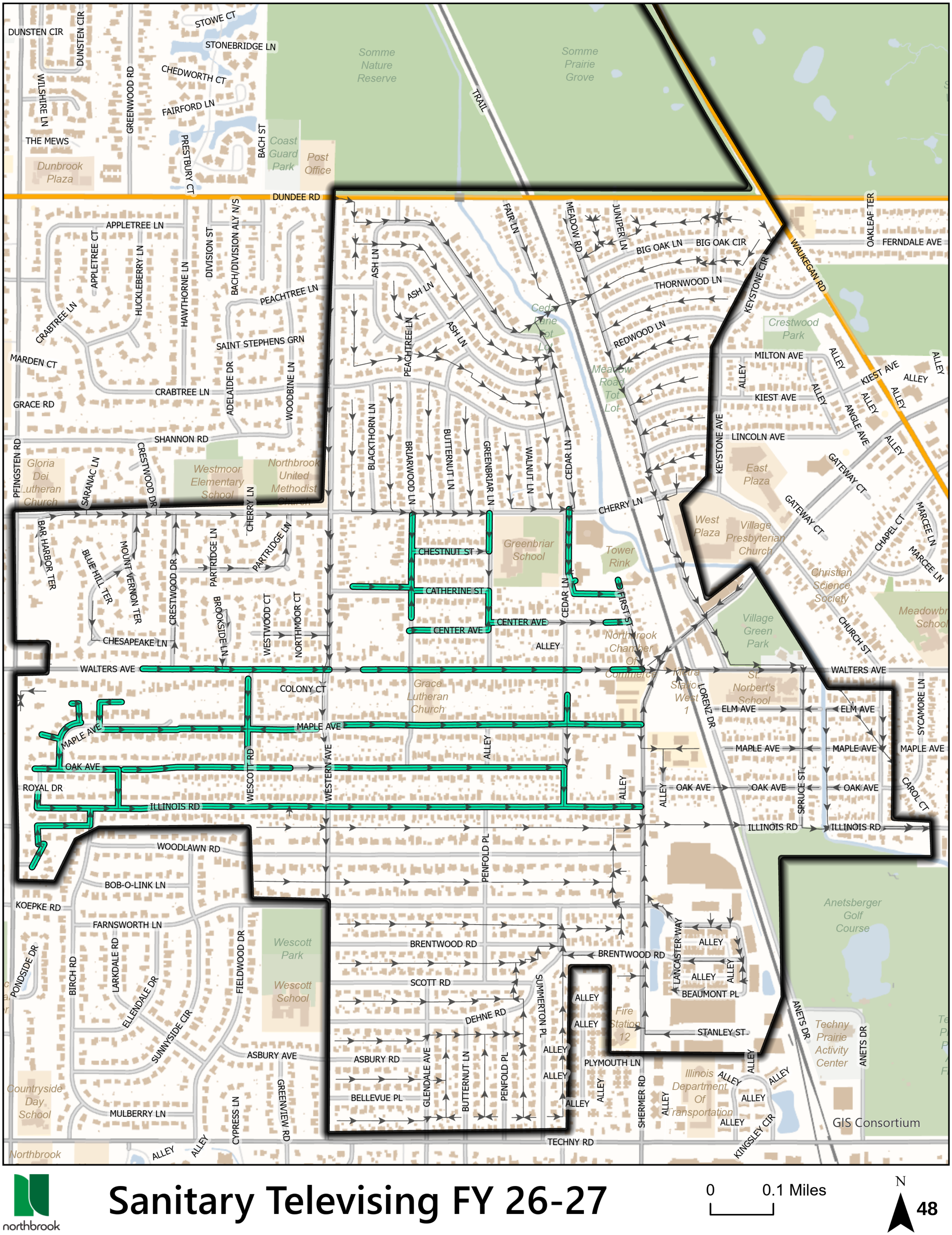
		Easement	0	$1.95	$0.00
29"	Storm	Non-Easement	69	$1.62	$111.78
		Easement	0	$1.95	$0.00
30"	Storm	Non-Easement	158	$1.62	$255.96
		Easement	0	$1.95	$0.00
33"	Storm	Non-Easement	511	$1.62	$827.82
		Easement	0	$1.95	$0.00
36"	Storm	Non-Easement	650	$1.62	$1,053.00
		Easement	1,511	$1.95	$2,946.45
38"	Storm	Non-Easement	277	$1.62	$448.74
		Easement	0	$1.95	$0.00
44"	Storm	Non-Easement	0	$1.62	$0.00
		Easement	44	$1.95	$85.80
58"	Storm	Non-Easement	0	$1.62	$0.00
		Easement	64	$1.95	$124.80
60"	Storm	Non-Easement	0	$1.85	$0.00
		Easement	1296	$1.95	$2,527.20
64"	Storm	Non-Easement	0	$1.85	$0.00
		Easement	646	$1.95	$1,259.70
66"	Storm	Non-Easement	0	$1.85	$0.00
		Easement	20	$1.95	$39.06
72"	Storm	Non-Easement	0	$1.85	$0.00
		Easement	818	$1.95	$1,595.10
91"	Storm	Non-Easement	0	$1.85	$0.00
		Easement	25	$1.95	$48.75
				TABLE 2 TOTAL COST	$ 67,501.88

Table 3

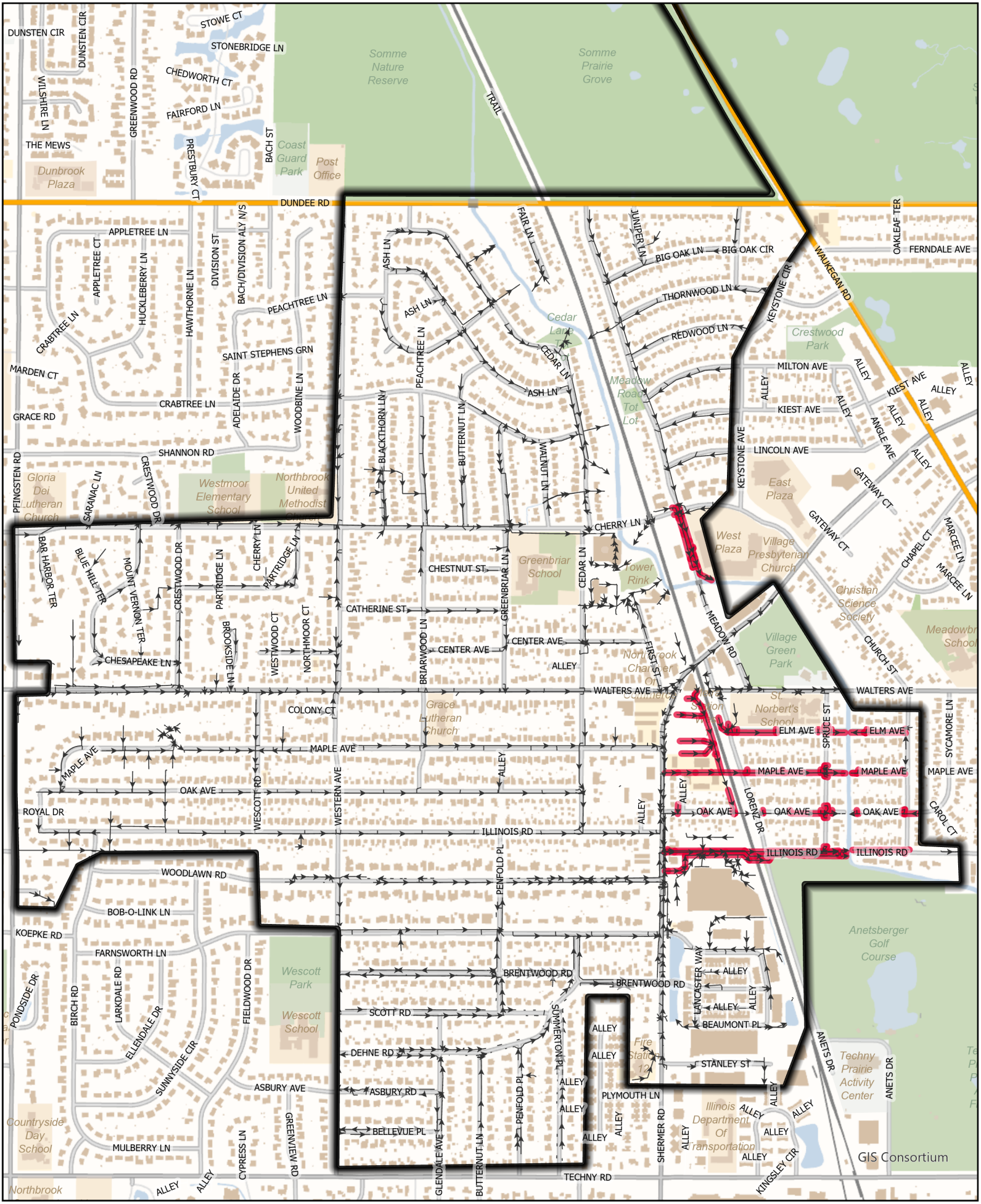
Manhole Inspections (NASSCO Type 2)		
Estimated Occurrences	**Price per occurrence**	**Total Cost**
100	$182.00	$18,200.00

Table 4

Heavy Cleaning (Non-Easement)			
Pipe Size	**Estimated Footage**	**Price per foot**	**Total**
8"	50	$1.00	$50.00
10"	50	$1.00	$50.00
12"	50	$1.25	$62.50
15"	50	$1.50	$75.00
18"	50	$1.50	$75.00
24"	50	$1.50	$75.00
		TABLE 4 TOTAL COST	$387.50



Sanitary Televising FY 26-27

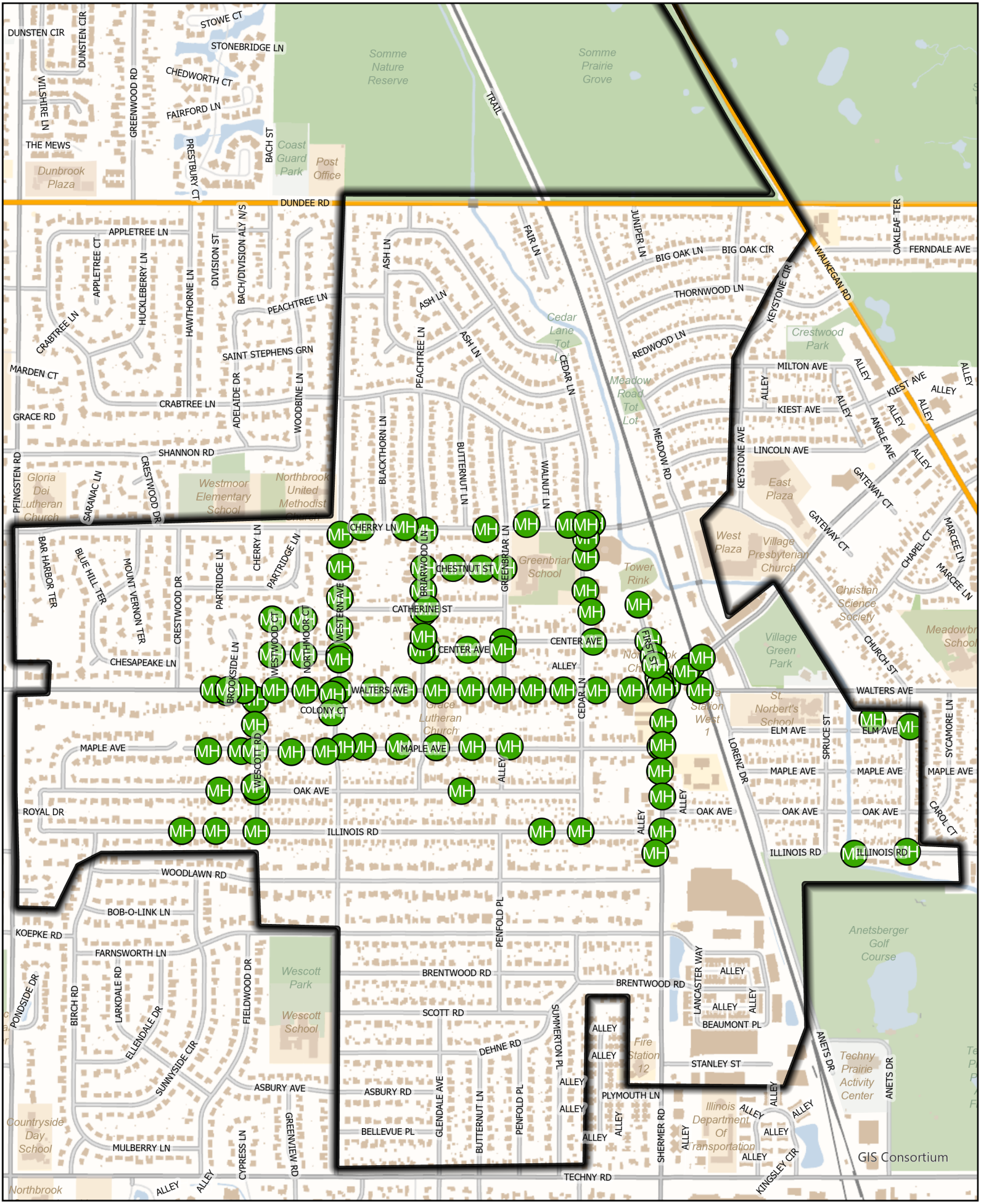


Storm Televising FY 26-27

0 0.1 Miles

N

49



Manhole Inspections FY 26-27

0 0.1 Miles

N

50

northbrook

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase of Sodium Hypochlorite for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

Overview
The Village of Northbrook is responsible for meeting stringent drinking water quality standards as established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes sodium hypochlorite, procured on a per pound basis.

Fiscal Impact
The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-82 (Sodium Hypochlorite) for the purchase of sodium hypochlorite utilized in the Village's water treatment process. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $30,930. Funds will be drawn from this account as needed at the prices outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Water Fund - Sodium Hypochlorite	21-4170-643-82	$30,930	$30,930	$30,930	$0	Yes

Recommendation
Approval.

Background

The Village's Water Treatment Plant uses different chemicals and mechanical methods to ensure the finished water meets stringent water quality standards as established by the Illinois Environmental Protection Agency (IEPA). To begin the disinfection process, sodium hypochlorite ("Materials") is added at the Village's Lake Front Pump Station.

In January 2026, staff prepared a Request for Quotations (RFQ) that included specifications and estimated quantities for the Materials, inclusive of delivery, for Fiscal Year 2026-2027.

The RFQ was posted to the Village's website on January 26 and sent to five (5) vendors. The Village received two (2) bid responses on February 19, 2026. A summary of the bids are shown in Table 1 below.

Table 1. Summary of Sodium Hypochlorite Unit Prices	
Firm	Price Per Pound
Alexander Chemical Corporation	$0.148
Rowell Chemical	$0.155

After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("Vendor") submitted the lowest, most responsive quote. The Vendor has provided the Village with sodium hypochlorite in the past and staff has been satisfied with their services.

The term for this quote is from May 1, 2026 through April 30, 2027. Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase of Sodium Hypochlorite for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
Exhibit A - Alexander Chemical Corporation - Quote for Sodium Hypochlorite

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase of Sodium Hypochlorite for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

is hereby adopted, as follows:

Section 1. Recitals

The Village of Northbrook's Water Plant uses various chemicals and mechanical methods to meet stringent water quality standards, as established by the Illinois Environmental Protection Agency (IEPA), which includes adding sodium hypochlorite at the Village's Lake Front Pump Station to begin the disinfection process. In January 2026, Village staff issued a Request for Quotations ("***RFQ***") and that included specifications and estimated quantities for sodium hypochlorite, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26, 2026 and sent to five vendors.

The Village received two bid responses on February 19, 2026. After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("***Vendor***") submitted the lowest, most responsive bid for sodium hypochlorite ("***Materials***"). The term for this quote is from May 1, 2026, to April 30, 2027.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-82 (Sodium Hypochlorite) for the purchase of the Materials utilized in the Village's water treatment process. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $30,930. Funds will be drawn from this account as needed at prices outlined in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the purchase of the Materials from the Vendor at the unit prices outlined in ***Exhibit A***.

The President and the Board of Trustees have considered the purchase and determined that it is in the best interests of the Village and the public to approve the purchase of the Materials from the Vendor.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Materials from the Vendor in accordance with the terms and at the unit prices set forth in ***Exhibit A*** for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

January 26, 2026

REQUEST FOR QUOTATION (*"REQUEST"*)- DUE DATE: FEBRUARY 19, 2026

The Village of Northbrook (***"Village"***) is accepting bids for "**15% liquid sodium hypochlorite**" for potable water treatment.

Responses Due: 10:00 A.M. on February 19, 2026 (bid opening to occur immediately afterward)

Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor (***"Vendor"***) shall provide the materials identified below:

15% liquid sodium hypochlorite supplied shall meet all specifications as identified in American Water Works Association (AWWA) Standard B300-10 and ANSI/NSF Standard 60 certification for use in potable water treatment. Estimated annual usage is approximately 200,000 pounds. ***All quantities are tentative, deliveries shall be 4,000 gallons or less. At the time of each order, a pre-arranged date and time shall be scheduled to accept delivery at Northbrook's unmanned Lake Front Pump Station, [redacted]. Deliveries will only be accepted between the hours of 7:00 a.m. and 2:00 p.m. Monday – Friday, as ordered, as needed. Deliveries shall include a 500 ml sample and a Certificate of Analysis.***

Prices quoted shall include all delivery/transportation costs.

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder.

Questions: Aaron Foley, Assistant Water Production Supervisor at (847) 664-4135

Item ("Materials")		Estimated Quantity	Unit	Unit Price	Extended Price
1.	***15 % LIQUID SODIUM HYPOCHLORITE***	200,000	Pounds	$ 0.148	$ 29,600.00

Please remit quotation no later than 10:00 A.M. local time, February 19, 2026 to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst, (847) 664-4128. Clearly mark remitting quotation **"SEALED QUOTE – SODIUM HYPOCHLORITE"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, February 19, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

Alexander Chemical Corporation	February 13, 2026
VENDOR NAME	DATE
7593 S. First Road, LaPorte, IN 46350	
ADDRESS	
Robert Davidson, CEO	
CONTACT PERSON	SIGNATURE
(800) 348-8827 or (219) 393-5558	N/A
PHONE	FAX
bids@alexchem.com	
E-MAIL	

Terms and Conditions

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement
- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement
- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement
- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.
- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

b) Employer's Liability:
$500,000 ea. accident-injury
$500,000 ea. employee-disease
$500,000 disease-policy

Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:
   - Broad Form Property Damage Endorsement.
   - Independent Contractors.
   - Personal Injury (with Employment Exclusion deleted).
   - "X," "C," and "U" exclusions shall be limited.
   - Contractual Liability.
   - All employees shall be included as insureds.
   - Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following

parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 07/01/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Chicago IL Office 200 East Randolph Chicago IL 60601 USA	**CONTACT NAME:** **PHONE (A/C. No. Ext):** (866) 283-7122 **FAX (A/C. No.):** (800) 363-0105 **E-MAIL ADDRESS:**
INSURED Alexander Chemical Corp 7593 S. First Road LaPorte IN 46350 USA	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A:** Granite State Insurance Company 23809 **INSURER B:** **INSURER C:** **INSURER D:** **INSURER E:** **INSURER F:**

COVERAGES **CERTIFICATE NUMBER:** 570114102739 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	
	☐ **UMBRELLA LIAB** ☐ OCCUR ☐ **EXCESS LIAB** ☐ CLAIMS-MADE ☐ DED ☐ RETENTION						EACH OCCURRENCE AGGREGATE	
A	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY**			WC013545870 (AOS)	07/01/2025	07/01/2026	X PER STATUTE ☐ OTH-ER	
A	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [N] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC014590635 (IL)	07/01/2025	07/01/2026	E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	$1,000,000 $1,000,000 $1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance.

CERTIFICATE HOLDER

Alexander Chemical Corp.
7593 S. First Road
LaPorte IN 46350 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services Central Inc.

Holder Identifier :

Certificate No : 570114102739

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ALEXANDER CHEMICAL CORPORATION

AFFIDAVIT OF COMPLIANCE

Sodium Hypochlorite is purchased, packaged and delivered by Alexander Chemical Corporation and is certified by the National Sanitation Foundation (NSF) to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals-Health Effects and conforms to the latest AWWA Standards.

Robert Davidson, CEO

7593 S First Road, LaPorte, IN 46350
Tel 800.348.8827, Fax 219.393.5364

ALEXANDER CHEMICAL CORPORATION

7593 S. First Road
La Porte, IN 46350
219-393-5558

CERTIFICATE OF ANALYSIS

Product: Sodium Hypochlorite 12.5 wt%

Customer: _____

Purchase Order #: _____ **Sales Order #** _____

Lot #: _____ **Shipment Date:** _____

Date of Manufacture: _____ **Carrier:** _____

Analysis

Available Chlorine, vol.%:	15.8
Sodium Hypochlorite, wt%:	13.65
Excess Alkalinity, g/L NaOH:	3.3
Specific Gravity @ 20°C, g/mL:	1.2156
Appearance:	Clear, Yellow Solution

NSF

Certified to NSF/ANSI/CAN 60

Maximum Usage Level: 84mg/L

This document was produced electronically and no signature is required.

ALEXANDER CHEMICAL CORPORATION

PRODUCT SPECIFICATION SHEET
Sodium Hypochlorite Standard Strength
Effective: 11/29/2023

Properties:

CAS#:	7681-52-9
Chemical formula:	NaOCl
Molecular weight:	74.44 g/mol
Appearance:	Bright yellow to yellow-green liquid
Odor:	Chlorine odor
pH:	12.5 - 13.5
Boiling Point:	> 212°F @ 12.50 Weight % Available Chlorine
Freezing Point:	- 11°F @ 12.50 Weight % Available Chlorine
Solubility in Water:	Complete

	Lower Control Limit	Upper Control Limit
Trade %	**14.1**	**17.5**
Weight % Sodium Hypochlorite	**12.5**	**15.0**
Available Chlorine, Weight %	**11.92**	**14.28**
Excess Alkalinity, g/l *	**2**	**5**
Excess Alkalinity, Trade % *	**0.2**	**0.5**
Excess Alkalinity, Weight % Sodium Hydroxide *	**0.17**	**0.41**
Specific Gravity	**1.18**	**1.23**

* Excess Alkalinity on finished product is customized to specific customer requirements per liter

Manufactured by:

Alexander Chemical Corporation
Kingsbury Industrial Park
Kingsbury, Indiana 46345
800/348-8827

NSF

Certified to NSF/ANSI/CAN 60

Maximum Usage Level: 84mg/L

ALEXANDER CHEMICAL CORPORATION

SAFETY DATA SHEET

1. Identification

Product identifier	**Sodium hypochlorite solution - sodium hypochlorite**
Other means of identification	Not available.
Recommended use	Primarily used as a water treatment chemical as a disinfectant. Also used as a bleaching agent.
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company name	Alexander Chemical Corporation
Telephone	800-348-8827
Fax	219-393-5364
E-mail	info@alexanderchemical.com
Website	www.alexanderchemical.com
Address	7593 S. First Road, Kingsbury Industrial Park, Kingsbury, Indiana 46345, USA

Emergency telephone number

All other non-emergency inquiries about the product should be directed to the company.
For Hazardous Materials [or Dangerous Goods] Incidents ONLY(spill, leak, fire, exposure or accident), call CHEMTREC at
CHEMTREC®, USA: 001 (800) 424-9300
CHEMTREC®, Mexico (Toll-Free - must be dialed from within country):
001-800-13-203-9987
CHEMTREC®, Other countries: 001 (703) 527-388

2. Hazard(s) identification

Physical hazards	Corrosive to metals	Category 1
Health hazards	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 1

OSHA defined hazards Not classified.

Label elements

Signal word	Danger
Hazard statement	May be corrosive to metals. Causes severe skin burns and eye damage. Toxic to aquatic life.
Precautionary statement	
Prevention	Keep only in original container. Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.
Storage	Store locked up. Store in corrosive resistant container with a resistant inner liner.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium hypochlorite	7681-52-9	5-20
Sodium hydroxide	1310-73-2	1-5
Water	7732-18-5	Balance

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in corrosive resistant container with a resistant inner liner. Keep only in the original container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	PEL	2 mg/m3

US. ACGIH Threshold Limit Values

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m3

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Sodium hypochlorite (CAS 7681-52-9)	STEL	2 mg/m3

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Nitrile or neoprene gloves are recommended.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Greenish yellow liquid.
Color	Light greenish yellow.
Odor	Chlorine.
Odor threshold	Not available.
pH	11.5 ±0.3
Melting point/freezing point	-11 °F (-23.9 °C)
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.09 -1.21
Solubility(ies)	
Solubility (water)	Completely soluble in water.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	May be corrosive to metals.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Acids. Metals. Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known. Contact with acids liberates toxic gas.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Causes digestive tract burns.
Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
Sodium hydroxide (CAS 1310-73-2)		
Acute		
Dermal		
LC50	Rabbit	1350 mg/kg, (Calculated)
Oral		
LDLo	Rabbit	500 mg/kg, (Calculated)
Sodium hypochlorite (CAS 7681-52-9)		
Acute	Rat	
Oral	Causes severe skin burns and eye damage.	8.91 g/kg
LD50	Causes serious eye damage.	

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory or skin sensitization

Respiratory sensitization Not classified.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Sodium hypochlorite (CAS 7681-52-9) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not classified.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity

Components		Species	Test Results
Sodium hydroxide (CAS 1310-73-2)			
Aquatic			
Crustacea	EC50		
Fish	LC50	Western mosquitofish (Gambusia affinis)	125 mg/l, 96 hours
		Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/l, 48 hours

Components		Species	Test Results
Sodium hypochlorite (CAS 7681-52-9)			
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	0.03 - 0.07 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number	UN1791
UN proper shipping name	Hypochlorite solutions
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	A7, B2, B15, IB2, IP5, N34, T7, TP2, TP24
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN1791
UN proper shipping name	Hypochlorite solution
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	II
Environmental hazards	Yes
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1791
UN proper shipping name	HYPOCHLORITE SOLUTION

Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Environmental hazards	
Marine pollutant	Yes
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This product is a liquid and when transported in bulk is covered under MARPOL 73/78 Annex II. This product is listed in the IBC Code. Ship type: 2 Pollution category: Y

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Sodium hydroxide (CAS 1310-73-2)	LISTED
Sodium hypochlorite (CAS 7681-52-9)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER
Keep out of reach of children. Hazardous to Humans and domestic animals.
Corrosive, causes severe skin and eye irritation or chemical burns to broken skin.
Causes eye damage.
This pesticide is toxic to fish and aquatic organisms.
Strong oxidizing agent.

US. Massachusetts RTK - Substance List

Sodium hydroxide (CAS 1310-73-2)

Sodium hypochlorite (CAS 7681-52-9)

US. New Jersey Worker and Community Right-to-Know Act

Sodium hydroxide (CAS 1310-73-2)
Sodium hypochlorite (CAS 7681-52-9)

US. Pennsylvania Worker and Community Right-to-Know Law

Sodium hydroxide (CAS 1310-73-2)
Sodium hypochlorite (CAS 7681-52-9)

US. Rhode Island RTK

Sodium hydroxide (CAS 1310-73-2)
Sodium hypochlorite (CAS 7681-52-9)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 30-July-2014

Revision date 30-May-2024

Version # 05

NFPA ratings

Disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. ALEXANDER CHEMIAL CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. CARUS CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTIABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Alexander Chemical Corporation, and shall be the sole responsibility of the holder or user of the product.

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, November 3, 2025** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:
http://info.nsf.org/Certified/PwsChemicals/Listings.asp?Company=17460&Standard=060&

NSF/ANSI/CAN 60
Drinking Water Treatment Chemicals - Health Effects

Alexander Chemical Corporation

7593 South First Road
Kingsbury Industrial Park
Kingsbury, IN 46345
United States
800-348-8827
219-393-5558

Facility : Kingsbury, IN

Ammonia, Anhydrous

Trade Designation	*Product Function*	*Max Use*
Anhydrous Ammonia	Chloramination	5 mg/L

Ammonium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Ammonium Hydroxide	Chloramination	10 mg/L

Chlorine[CL]

Trade Designation	*Product Function*	*Max Use*
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrofluosilicic Acid

Trade Designation	*Product Function*	*Max Use*
Fluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L
Hydrofluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L

Miscellaneous Chemical Products[1]

Trade Designation	*Product Function*	*Max Use*
Potassium Bisulfite	Dechlorinator & Antioxidant	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Bisulfite[1]

Trade Designation	*Product Function*	*Max Use*
Sodium Bisulfite Solution, 38%	Dechlorination	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Caustic Soda-Liquid	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Diaphragm Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Membrane Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L

Sodium Hypochlorite[HY]

Trade Designation	*Product Function*	*Max Use*
12.5% Sodium Hypochlorite	Disinfection & Oxidation	84mg/L
Liquid Bleach	Disinfection & Oxidation	84 mg/L

Liquid Bleach 15%	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 15%	Disinfection & Oxidation	67mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Sulfuric Acid

Trade Designation	*Product Function*	*Max Use*
Sulfuric Acid	Corrosion & Scale Control	50 mg/L

Number of matching Manufacturers is 1

Number of matching Products is 16

Processing time was 0 seconds

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase of Liquid Aluminum Sulfate for the Water Treatment Plant from USALCO, LLC of Baltimore, Maryland

Overview

The Village of Northbrook is responsible for meeting stringent drinking water quality standards as established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes liquid aluminum sulfate, procured on a liquid-ton basis.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-83 (Aluminum Sulfate) for the purchase of liquid aluminum sulfate utilized in the Village's water treatment process. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $47,900. Funds will be drawn from this account as needed at prices outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Water Fund - Liquid Aluminum Sulfate	21-4170-643-83	$47,900	$47,900	$47,900	$0	Yes

Liquid aluminum sulfate usage has a direct correlation with the total volume of water produced by the Village, specifically during the initial stages of the treatment process. As liquid aluminum sulfate is applied to coagulate solids and facilitates the removal of particulates from raw (untreated) water prior to filtration, increases in water production will correspondingly require increased chemical usage. Water production levels may fluctuate based on a variety of factors, including seasonal temperature increases, higher outdoor water usage (such as landscape irrigation during warmer months), and unexpected water main breaks. Should the Village require the purchase of additional liquid tons of aluminum sulfate above the authorized budget, staff will return to the Village Board to request a budget amendment to authorize the necessary increase in spending authority.

Recommendation

Approval.

Background

The Village's Water Treatment Plant uses a number of different chemicals and mechanical methods to ensure the finished water the Village produces meets stringent water quality standards as established by the Illinois Environmental Protection Agency (IEPA) . At the beginning of the treatment process, liquid aluminum sulfate, often called "Alum," is added to coagulate solids. This aids in the removal of particles from unfinished (raw) water prior to filtration. Alum (“Materials”) is purchased by the tanker load and pricing is quoted on a liquid ton basis.

In January 2026, staff prepared a Request for Quotations (RFQ) that included specifications and estimated quantities for the Materials, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26 and sent to seven (7) vendors. The Village received four (4) bid responses on February 19, 2026. A summary of the bids are shown in Table 1 below.

Table 1. Summary of Liquid Aluminum Sulfate Unit Pricing	
Firm	Price Per Liquid Ton
USALCO, LLC.	$238.47
Alexander Chemical Corporation	$262.26
Chemtrade Chemicals US LLC.	$351.14
TAZA Supplies, Inc.	$840.00

After review, staff determined that USALCO, LLC of Baltimore, Maryland ("Vendor") submitted the lowest, most responsive bid. The Vendor has provided the Village with liquid aluminum sulfate in the past and staff has been satisfied with their services.

The term for this quote is from May 1, 2026 through April 30, 2027. Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase of Liquid Aluminum Sulfate for the Water Treatment Plant from USALCO, LLC of Baltimore, Maryland.doc
Exhibit A - USALCO Quote for Liquid Aluminum Sulfate

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase of Liquid Aluminum Sulfate for the Water Treatment Plant from USALCO, LLC of Baltimore, Maryland

is hereby adopted, as follows:

Section 1. Recitals

The Village of Northbrook's Water Plant uses various chemicals and mechanical methods to meet stringent water quality standards as established by the Illinois Environmental Protection Agency (IEPA), including the use of liquid aluminum sulfate in its treatment process. In January 2026, Village staff issued a Request for Quotations ("***RFQ***") and that included specifications and estimated quantities for liquid aluminum sulfate, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26, 2026 and sent to seven vendors.

The Village received four bid responses on February 19, 2026. After review, staff determined that USALCO, LLC of Baltimore, Maryland ("***Vendor***") submitted the lowest, most responsive bid for liquid aluminum sulfate ("***Materials***"). The term for this quote is from May 1, 2026, to April 30, 2027.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-83 (Aluminum Sulfate) for the purchase of the Materials utilized in the Village's water treatment process. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $47,900. Funds will be drawn from this account as needed at rates outlined in ***Exhibit A***.

Liquid aluminum sulfate usage has a direct correlation with the total volume of water produced by the Village, specifically during the initial stages of the treatment process. As liquid aluminum sulfate is applied to coagulate solids and facilitates the removal of particulates from raw (untreated) water prior to filtration, increases in water production will correspondingly require increased chemical usage. Water production levels may fluctuate based on a variety of factors, including seasonal temperature increases, higher outdoor water usage (such as landscape irrigation during warmer months), and unexpected water main breaks. Should the Village require the purchase of additional liquid tons of aluminum sulfate above the authorized budget, staff will return to the Village Board to request a budget amendment to authorize the necessary increase in spending authority.

Based on these factors, staff recommends that the Village Board authorize the purchase of the Materials from the Vendor at the unit prices outlined in ***Exhibit A***.

The President and the Board of Trustees have considered the purchase and determined that it is in the best interests of the Village and the public to approve the purchase of the Materials from the Vendor.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Materials from the Vendor in accordance with the terms and at the unit prices set forth in ***Exhibit A*** for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

January 26, 2026

REQUEST FOR QUOTATION (*"REQUEST"*) – DUE DATE: February 19, 2026

The Village of Northbrook (***"Village"***) is accepting bids for "**liquid aluminum sulfate**" for potable water treatment.

Responses Due: 10:00 A.M. on February 19, 2026 (bid opening to occur immediately afterward)

Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor (***"Vendor"***) shall provide the materials identified below:

> Liquid aluminum sulfate supplied must be made from "alumina trihydrate" and shall meet all specifications as identified in AWWA Standard B403-16 and ANSI/NSF Standard 60 certification for use in potable water treatment. Chemical compound CAS #10043-01-3.
>
> Estimated annual usage is approximately 225 liquid tons. ***All quantities are tentative, deliveries shall be 3,500 gallons or less. Deliveries are to be made to Northbrook's Water Filtration Plant, 750 Dundee Road, Northbrook, Illinois 60062, between the hours of 7:00 a.m. and 2:00 p.m. Monday - Friday, as ordered, as needed. Deliveries shall include a 500 ml sample and a Certificate of Analysis.***
>
> **Prices quoted shall include all delivery/transportation costs.**

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder.

Questions: Aaron Foley, Assistant Water Production Supervisor at (847) 664-4135.

	Item ("Materials")	Estimated Quantity	Unit	Unit Price	Extended Price
1.	***LIQUID ALUMINUM SULFATE PER LIQUID TON BASIS DELIVERED***	225	Liquid Tons	$ 238.47	$ 53,655.75

Please remit quotation no later than 10:00 AM local time, February 19, 2026 to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst, (847) 664-4128. Clearly mark remitting quotation **"SEALED QUOTE – LIQUID ALUMINUM SULFATE"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, February 19, 2026 at 10:00 AM at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

USALCO, LLC	2/13/2026
VENDOR NAME	DATE
2601 Cannery Ave. Baltimore, MD 21226	
ADDRESS	
Terry Waldo, Chief Commerical Officer	JW
CONTACT PERSON	SIGNATURE
800-453-2586	410-918-2240
PHONE	FAX
bids@usalco.com	
E-MAIL	

Terms and Conditions

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement
- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement
- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement
- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.
- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

b) Employer's Liability:
$500,000 ea. accident-injury
$500,000 ea. employee-disease
$500,000 disease-policy

Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:
   - Broad Form Property Damage Endorsement.
   - Independent Contractors.
   - Personal Injury (with Employment Exclusion deleted).
   - "X," "C," and "U" exclusions shall be limited.
   - Contractual Liability.
   - All employees shall be included as insureds.
   - Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following

parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

Usalco

February 13, 2026

Village of Northbrook, IL
ATTN : Jean Paul Soens
Management Analyst
655 Huehl Road
Northbrook, IL 60062

Re: "SEALED QUOTE - Liquid Aluminum Sulfate"

Dear Mr. Jean Paul Soens,

USALCO, LL is pleased to submit the attached bid for Liquid Aluminum Sulfate to the Village of Northbrook, IL. The information below is meant to provide background on USALCO as well as detail the company's various certifications.

USALCO is a leading manufacturer and distributor of aluminum-based water treatment chemical products to the industrial and municipal markets. The company was founded in 1980 and is headquartered in Baltimore, MD with twenty-six manufacturing locations.

All of USALCO's products are certified by NSF International to comply with ANSI/NSF/CAN Standard 60 for use in drinking water applications. Copies of these certifications are enclosed.

Thank you for the opportunity to participate in your bidding process and for your interest in USALCO's products and services. Please visit our website at www.usalco.com for additional information.

Sincerely,

TWaw

Terry Waldo
Chief Commercial Officer
2601 Cannery Avenue, Baltimore, MD 21226
P: 800-453-2586
E: bids@usalco.com

Encl
TW/jp

Usalco

AUTHORITY TO SIGN

To Whom It May Concern:

Terry Waldo is authorized to act as an agent and sign municipal bids and contracts on behalf of USALCO LLC, a Maryland limited liability company, and its subsidiaries.

I am an officer of USALCO LLC and its subsidiaries.

Subsidiary companies include G2O Technologies LLC.

Respectfully,

Hassan Mela
Chief Financial Officer

I certify that this is a true copy of the original signed document. Today is the 13th day of February ,2026 .

Jessica Piccirilli

Jessica Piccirilli, Bid & Contract Specialist
Notary Public of the State of Arkansas
My commission expires 2/3/2032

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 02/02/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER

IronRisk Strategies, LLC
1122 Kenilworth Dr, Suite 316
Baltimore, MD 21204

CONTACT NAME: Lock Curtis
PHONE (A/C, No, Ext): (443)377-7896 FAX (A/C, No): (443)564-4757
E-MAIL ADDRESS: lock@ironriskstrategies.com

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Nautilus Insurance Company	17370
INSURER B :	Key Risk Insurance Company	10885
INSURER C :	Chesapeake Employers Insurance	11039
INSURER D :	Aspen Specialty Insurance Company	10717
INSURER E :	Zurich American Insurance Company	16535
INSURER F :		

INSURED

USALCO, LLC
2601 Cannery Ave
Baltimore, MD 21226-1510

COVERAGES CERTIFICATE NUMBER: 00000152-0 REVISION NUMBER: 1766

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Deductible 0 GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:	Y		GSP2048082-10	09/15/2025	09/15/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Pollution Liability	$ $ $ $ $ $ $	1,000,000 300,000 25,000 1,000,000 3,000,000 3,000,000 $1M/$3M
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY	Y		BAP2048083-10	09/15/2025	09/15/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Pollution	$ $ $ $ $	1,000,000 Included
A	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0	Y		FFX2038481-13	09/15/2025	09/15/2026	EACH OCCURRENCE AGGREGATE	$ $ $	10,000,000 10,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		4599527 (MD)	03/15/2025	03/15/2026	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $	 1,000,000 1,000,000 1,000,000
D	Excess Liability	Y		EX00Y4J25	09/15/2025	09/15/2026			$10MM/$10MM
E	Workers Compensation			673284515	03/15/2025	03/15/2026	Other than MD		$1MM/$1MM/$1MM

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Village of Northbrook is an Additional Insured when required by written contract

CERTIFICATE HOLDER

Village of Northbrook
Public Works Department
655 Huehl Road
Northbrook, IL 60062

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

(LOC)

© 1988-2015 ACORD CORPORATION. All rights reserved.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 02/02/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER

IronRisk Strategies, LLC
1122 Kenilworth Dr, Suite 316
Baltimore, MD 21204

CONTACT NAME: Lock Curtis
PHONE (A/C, No, Ext): (443)377-7896 FAX (A/C, No): (443)564-4757
E-MAIL ADDRESS: lock@ironriskstrategies.com

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Evanston Insurance Company	35378
INSURER B :		
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

INSURED

USALCO, LLC
2601 Cannery Ave
Baltimore, MD 21226-1510

COVERAGES CERTIFICATE NUMBER: 00000152-250915114953 REVISION NUMBER: 22

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	[ ] CLAIMS-MADE [ ] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	[ ] POLICY [ ] PRO-JECT [ ] LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	[ ] ANY AUTO						BODILY INJURY (Per person)	$
	[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	[ ] UMBRELLA LIAB [X] OCCUR			MKLV7EFX101925	09/15/2025	09/15/2026	EACH OCCURRENCE	$ 6,000,000
	[X] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$ 6,000,000
	[ ] DED [ ] RETENTION $ 0							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						[ ] PER STATUTE [ ] OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] N / A (Mandatory in NH)						E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

3rd Layer of Excess Liability - Following Form

CERTIFICATE HOLDER

Continued

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

(LOC)

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Technical Data Sheet

Aluminum Sulfate Solution Iron Free

USALCO® Aluminum Sulfate Iron Free is an aqueous solution manufactured by dissolving alumina tri-hydrate (ATH) into water and sulfuric acid. The use of only stringently selected raw materials and state-of-the-art manufacturing practices ensures that USALCO Aluminum Sulfate is of the highest quality. USALCO Alum meets the specifications of the American Water Works Association Standard B403-16 and complies with the requirements of NSF/ANSI/CAN 60: Drinking Water Treatment Chemicals -Health Effects at a maximum dosage of 150 mg/L.

PROPERTIES

Appearance:	Clear to amber or light green liquid.
Specific Gravity at 60 °F:	1.31 – 1.34
Product weight:	10.2 – 11.0 Lbs/Gal
pH (Neat):	1.5 – 2.8
Freezing point:	3° - 25°F

SPECIFICATIONS

% Al_2O_3:	> 8.0
% Water-Insoluble matter:	< 0.2
Iron (Fe):	50 ppm max.

PRINCIPAL USES

Drinking water / wastewater treatment – removal of suspended matter and phosphorus.
Wastewater treatment – coagulant / flocculent for the removal of suspended matter and phosphorus.
Pulp and paper manufacturing – retention and drainage aid, charge neutralization, pH control, improved sizing efficiency. Catalyst manufacturing
Food industry – firming agent in pickle processing.

SAFETY / HANDLING

Observe caution when handling. Please consult the safety data sheet (SDS) for safety andhandling precautions.

DELIVERY

Tank trucks and Railcar

PRODUCTION

USALCO has production facilities in:

- Baltimore, Maryland
- Chattanooga, Tennessee
- Counce, Tennessee
- DeRidder, Louisiana
- Gahanna, Ohio
- Michigan City, Indiana
- Plymouth, N. Carolina
- Savannah, Georgia
- Bastrop, Louisiana
- Coosa Pines, Alabama
- Demopolis, Alabama
- Fairfield, Ohio
- Georgetown, S. Carolina
- Monticello, Mississippi
- Port Allen, Louisiana

CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Inside Sales Department at:

800-453-2586 or info@usalco.com

5/3/2023

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Wednesday, June 19, 2024** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:
http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=usalco&TradeName=ALUMINUM+SULFATE&

NSF/ANSI/CAN 60
Drinking Water Treatment Chemicals - Health Effects

USALCO, LLC
2601 Cannery Avenue
Baltimore, MD 21226
United States
219-873-0914

Facility : Baltimore, MD

Aluminum Sulfate[AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate Activated	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Technical Grade	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate, Commercial Grade	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Dry	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate, Iron-Free	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate, Liquid	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate, Low-Iron	Coagulation & Flocculation	150 mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : USALCO Fairfield Plant, LLC

Aluminum Sulfate[AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate Solution, 7% Acid	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Solution	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : USALCO Gahanna Plant, LLC

Aluminum Sulfate[AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : USALCO Michigan City Plant, LLC

Aluminum Sulfate[AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate, Solution	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

USALCO, LLC

2601 Cannery Avenue
Baltimore, MD 21226
United States
219-873-0914
Visit this company's website (http://www.usalco.com)

Facility : Childersburg, AL

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Demopolis, AL

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Savannah, GA

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Bastrop, LA

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Deridder, LA

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Monticello, MS

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Plymouth, NC

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L

Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Georgetown, SC

Aluminum Sulfate[2] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[2] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Chattanooga, TN

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Counce, TN

Aluminum Sulfate[1] [AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150mg/L
Aluminum Sulfate Solution, Iron-Free	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Commercial Grade Powder	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate	Coagulation & Flocculation	150mg/L
Aluminum Sulfate, Hydrate, Iron-Free	Coagulation & Flocculation	150mg/L

[1] Maximum use based on dry basis.
[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Facility : Dorado, Puerto Rico

Aluminum Sulfate[AL]

Trade Designation	*Product Function*	*Max Use*
Aluminum Sulfate	Coagulation & Flocculation	150mg/L
Liquid Aluminum Sulfate	Coagulation & Flocculation	150mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Number of matching Manufacturers is 2

Number of matching Products is 74

Processing time was 1 seconds

SAFETY DATA SHEET

Usalco

Certified to NSF/ANSI/CAN 60

MUL = 150 mg/L (dry basis)

Revision date 12-Jun-2023 **Revision Number** 5

1. Identification

Product identifier

Product Name Aluminum Sulfate Solution, Iron Free

Other means of identification

Product Code(s) 3207Z

UN number or ID number UN3264

Synonyms Water and Wastewater Treatment Coagulant/Flocculant

Recommended use of the chemical and restrictions on use

Recommended use No information available

Restrictions on use No information available None known

Details of the supplier of the safety data sheet

Supplier Address
G2O Technologies LLC
1 Riverside Way,
Phillipsburg, NJ 08865
+1-800-453-2586 Hours: Monday-Friday
9:00-5:00 CST (Central Standard Time)

Manufacturer Address
USALCO, LLC
2601 Cannery Ave.
Baltimore, MD 21226

Contact Point sds@usalco.com

Emergency Telephone CHEMTREC: (800) 424-9300
Outside USA - +1 (703) 527-3887 collect calls accepted

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

Hazards not otherwise classified (HNOC)
Not applicable

Label elements

DANGER

Hazard statements

Causes severe skin burns and eye damage
May be corrosive to metals

Appearance Clear **Physical state** Liquid **Odor** No appreciable odor

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep only in original container

Precautionary Statements - Response

Get medical attention if irritation or other symptoms occur
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
Wash contaminated clothing before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Synonyms Water and Wastewater Treatment Coagulant/Flocculant.

Chemical name	CAS No	Weight-%	Trade secret
Water	7732-18-5	>70%	*
Aluminum sulfate	10043-01-3	<30%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret. While some components are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.

4. First-aid measures

Description of first aid measures

General advice Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen. Call physician immediately. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen. Call a physician immediately.

Eye contact Remove contact lenses, if worn. Immediately flush eyes for 5 to 10 minutes with plenty of water and keep eyelids open as much as possible. Washing within one minute is essential to achieve maximum effectiveness. Seek medical advice immediately.

Skin contact Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion Do not induce vomiting. Give large amounts of water followed by milk if available. If vomiting should occur spontaneously, keep airway clear. Get medical attention. Never give anything by mouth to an unconscious person.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Skin, eye and respiratory tract irritation. May cause redness and tearing of the eyes. Burning sensation. Itching. Rashes. Redness. Dermatitis. Difficulty in breathing. Coughing and/ or wheezing. Stomach pains.

Indication of any immediate medical attention and special treatment needed

Note to physicians Aluminum soluble salts may cause gastroenteritis if ingested. Treatment includes the use of demulcents. Note: Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. Fire-fighting measures

Suitable Extinguishing Media Not combustible. Use appropriate extinguishing media for material that is supplying fuel. Use water spray to cool the surrounding area and maintain fire temperature below decomposition temperature.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical At temperatures above 650 °C (1202 °F) the product will decompose to give off sulfur trioxide, an oxidizing agent that will support combustion. Sulfur trioxide will react with water to yield sulfuric acid.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment for fire-fighters Use self-contained breathing apparatus in confined areas; avoid breathing mist or spray. Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel. Cool containers with flooding quantities of water until well after fire is out.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective clothing and gloves.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Stop leaks. Use absorbent material to clean up spills. Place in labeled waste container for disposal. Provide adequate ventilation to spill area.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Keep container closed when not in use. Avoid contact with skin, eyes or clothing. Wear chemical splash goggles, gloves, and protective clothing when handling. Wash thoroughly after handling. Avoid breathing vapors or mists. Use with adequate ventilation and employ respiratory protection where mist or spray may be generated. Do not take internally. FOR INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities

Storage Conditions Avoid storing at temperatures near or below freezing point. Keep material from coming into contact with common metals due to the corrosive nature of this product. Do not store below 40 °F (4 °C), product may congeal or stratify if cold. Store in a cool, dry place away from direct heat.

Packaging materials Store in corrosion resistant container with a resistant inner liner.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Aluminum sulfate 10043-01-3	-	(vacated) TWA: 2 mg/m³ Al Aluminum	TWA: 2 mg/m³ Al

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document, 'Industrial Ventilation, A Manual of Recommended Practices', most recent edition, for details. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear chemical splash goggles and face shield (when eye and face contact is possible due to splashing or spraying of material).
Hand protection	Appropriate chemical resistant gloves should be worn.
Skin and body protection	Standard work clothing and work shoes.
Respiratory protection	If exposures exceed the PEL or TLV, use NIOSH/MSHA approved respirator in accordance with OSHA Respiratory Protection Requirements under 29 CFR 1910.134. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.
Environmental exposure controls	Do not allow liquid to enter streams or waterways.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Colorless to yellow-brown or blue-green
Odor	No appreciable odor
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	1.5 - 2.8	As is
Melting point / freezing point	-10 - -1 °C (5 - 30 °F)	None known
Boiling point / boiling range	~ 101 (214 °F)	No information available
Flash point	Not applicable No data available	No information available
Evaporation rate	No information available No data available	No information available
Flammability (solid, gas)	Not applicable No data available	No information available
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	No information available
Relative vapor density	No data available	No information available
Relative density	1.293 - 1.333	
Water solubility	Soluble below pH 4	
Solubility(ies)	No information available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable No data available	None known
Decomposition temperature	No information available -	None known
Kinematic viscosity	No data available	No information available
Dynamic viscosity	30 - 50 cps	Brookfield @ 25 °C

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	10.78 - 11.11 lbs./gal.
Bulk density	No information available

10. Stability and reactivity

Reactivity	No information available.

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Not anticipated under normal or recommended handling and storage conditions.
Conditions to avoid	High temperatures greater than 650° C (1202° F) as material may decompose to form aluminum oxide and sulfur trioxide (an oxidizing agent that supports combustion).
Incompatible materials	This product reacts with strong alkali to form aluminum hydroxide. This product may be weakly corrosive to carbon and stainless steel and incompatible with strong oxidizing agents, iron, copper or copper alloys.
Hazardous decomposition products	Thermal decomposition products include oxides of aluminum and sulfur.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Inhalation of mist or spray may irritate respiratory tract and may cause burns and difficulty breathing.
Eye contact	Based on pH, this product is expected to cause severe eye irritation, possibly resulting in burns and eye damage. Prolonged exposure to Aluminum salts may cause conjunctivitis. Prolonged exposure to Aluminum salts may cause conjunctivitis.
Skin contact	Prolonged and/or repeated contact will cause severe skin irritation and burns.
Ingestion	May cause irritation of the mouth, throat and stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Skin contact: Adverse symptoms may include the following: irritation and redness. Eye contact: Adverse symptoms may include the following: watering, redness. and irritation. Inhalation: Adverse symptoms may include the following: respiratory tract irritation, coughing. Ingestion: Adverse symptoms may include the following: stomach pains, gastrointestinal irritation, nausea, vomiting and diarrhea.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7148 mg/kg

Oral LD50 6207 (Mouse)

British Journal of Medicine. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1 - 1960

Component Information

Unreported route - Mouse LD50: 520 mg/kg
Unreported route - Mouse LD50: 520 mg/kg
Unreported route - Rat LD50: 410 mg/kg

Gigiena Sanitariya. (V/O Mezhdunarodnaya Kniga, 113095 Moscow, USSR) V. 1 -1936 - (For English translation see Hygiene and Sanitation (USSR). (Springfield, VA) 1964-71. Discontinued) (NIOSH Registry of Toxic Effects of Chemical Substances RTECS#:BD1700000).

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Aluminum sulfate 10043-01-3	= 1930 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.

Serious eye damage/eye irritation Severe eye irritation- rabbit- 10 mg/24 hour

National Technical Information Services. (Springfield, VA 22161) (Formerly US Clearinghouse for Scientific& Technical Information) (NIOSH Registry of Toxic Effects of Chemical Substances RTECS#: BD1700000).

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

Developmental toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target organ effects Respiratory system, Skin.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity Fish - See ECOTOX: Ecotoxicological Database at http://www.epa.ecotox

Crustacea - See ECOTOX: Ecotoxicological Database at http://www.epa/ecotox

Algae/aquatic plants - No information available

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aluminum sulfate 10043-01-3	--	LC50 (96 h) = 100 mg/L (Carassius auratus) LC50 (96 h static) = 37 mg/L (Gambusia affinis)	-	-

Persistence and degradability Not determined. No information available.

Bioaccumulation No information available.

Mobility Not determined. No information available.

Other adverse effects	No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products	Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations.
Contaminated packaging	Since empty containers retain product residue, follow label warnings even after container is emptied.
US EPA Waste Number	D002 (Corrosivity).

14. Transport information

DOT

UN number or ID number	UN3264
Proper shipping name	Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate Solution)
Transport hazard class(es)	8
Packing group	III
DOT Reportable Quantity lbs. (calculated)	18,000 lbs
Emergency Response Guide Number	154

TDG Regulated

UN number or ID number	UN3264
UN proper shipping name	Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate Solution)
Transport hazard class(es)	8
Packing group	III
Technical Name Description	Contains Aluminum Sulfate Solution

ICAO (air)

IATA Regulated

UN number or ID number	UN3264
UN proper shipping name	Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate Solution)
Transport hazard class(es)	8
Packing group	III
ERG Code	8L

IMDG Regulated

UN number or ID number	UN3264
UN proper shipping name	Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate Solution)
Transport hazard class(es)	8
Packing group	III
EmS-No	F-A; S-B

15. Regulatory information

International Inventories

TSCA	All ingredients are on the inventory or exempt from listing.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Water	7732-18-5	Present	Active
Aluminum sulfate	10043-01-3	Present	Active

DSL/NDSL All ingredients are on the DSL inventory or exempt from listing. None of the ingredients are on the NDSL inventory.

EINECS/ELINCS All ingredients are on the EINECS inventory or are exempt from listing. None of the ingredients are on the ELINCS inventory.

ENCS All ingredients are on the inventory or exempt from listing.

IECSC All ingredients are on the inventory or exempt from listing.

KECL All ingredients are on the inventory or exempt from listing.

PICCS All ingredients are on the inventory or exempt from listing.

AICS All ingredients are on the inventory or exempt from listing.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Aluminum sulfate 10043-01-3	5000 lb	-	-	X

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Aluminum sulfate 10043-01-3	5000 lbs. final RQ 2267 kg final RQ	-	RQ 17,500 lbs. as solution RQ 7,937 kg as solution

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Aluminum sulfate 10043-01-3	0068	Present	Present

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	**Health hazards** 2	**Flammability** 0	**Instability** 0	**Special hazards**
HMIS	**Health hazards** 2	**Flammability** 0	**Physical hazards** 0	**Personal protection** B

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 12-Jun-2023
Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase of Liquid Chlorine for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

Overview
The Village of Northbrook is responsible for meeting stringent drinking water quality standards established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes the use of liquid chlorine for disinfection.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-81 (One Ton Containers) for the purchase of liquid chlorine utilized in the Village's water treatment process for disinfection. Staff is requesting authorization for the budgeted amount, for a total spending authority of $44,500. Funds will be drawn from this account as needed at the prices outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Water Fund	21-4170-643-81	$44,500	$44,500	$44,500	$0	Yes

Recommendation
Approval.

Background
The Village's Water Treatment Plant uses different chemicals and mechanical methods to ensure the finished water meets stringent water quality standards as established by the Illinois Environmental Protection Agency (IEPA). The Village's Water Treatment Plant is designed and permitted by the IEPA to use chlorine as the primary disinfectant during the water treatment process. The Village purchases liquid chlorine on a 150-pound cylinder basis ("Materials").

In January 2026, staff prepared a Request for Quotations (RFQ) that included specifications and estimated quantities for the Materials, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26 and sent to five (5) vendors. The

Village received two (2) responses on February 19, 2026. A summary of the bids are shown in Table 1 below.

Table 1. Summary of Liquid Chlorine Unit Prices	
Firm	Price 150 Pound Cylinder
Alexander Chemical Corporation	$169
Hawkins, Inc.	$179

After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("Vendor") submitted the lowest, most responsive bid. The Vendor has provided the Village with liquid chlorine in the past and staff has been satisfied with their services.

The term for this quote is from May 1, 2026 through April 30, 2027. Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase of Liquid Chlorine for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
Exhibit A - Alexander Chemical Corporation - Quote for Liquid Chlorine

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase of Liquid Chlorine for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

is hereby adopted, as follows:

Section 1. Recitals

The Village's Water Treatment Plant uses a number of different chemicals and mechanical methods to ensure the finished water meets stringent water quality standards as established by the Illinois Environmental Protection Agency (IEPA). The Village's Water Treatment Plant is designed and permitted by the IEPA to use chlorine as the primary disinfectant during the water treatment process. In January 2026, Village staff issued a Request for Quotations ("***RFQ***") and that included specifications and estimated quantities for sodium hypochlorite, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26, 2026 and sent to five vendors.

The Village received two bid responses on February 19, 2026. After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("***Vendor***") submitted the lowest, most responsive bid for liquid chlorine on a 150-pound cylinder basis ("***Materials***"). The term for this quote is from May 1, 2026, to April 30, 2027.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4170-643-81 for the purchase of the Materials utilized in the Village's water treatment process for disinfection. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $44,500. Funds will be drawn from this account as needed at prices outlined in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the purchase of the Materials from the Vendor at the unit prices outlined in ***Exhibit A***.

The President and the Board of Trustees have considered the purchase and determined that it is in the best interests of the Village and the public to approve the purchase of the Materials from the Vendor.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Materials from the Vendor in accordance with the terms and at the unit prices set forth in ***Exhibit A*** for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

January 26, 2026

REQUEST FOR QUOTATION (*"REQUEST"*)- DUE DATE February 19, 2026

The Village of Northbrook (***"Village"***) is accepting bids for "**liquid chlorine**" for potable water treatment.

Responses Due: 10:00 A.M.. on February 19, 2026 (bid opening to occur immediately afterward)

Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor (***"Vendor"***) shall provide the materials identified below:

> Liquid chlorine for potable water treatment. Chlorine supplied shall conform to AWWA Standard B301-10 and ANSI/NSF Standard 60 certification for use in potable water treatment. Estimated annual usage is 256 (150 lb.) cylinders. ***All quantities are tentative. Deliveries will consist of 150 lb. cylinders to 750 Dundee Road, Northbrook, Illinois, 60062 and off loaded via a truck mounted lift gate. Prices quoted shall include all delivery/transportation costs to Northbrook's Water Filtration Plant, 750 Dundee Road, Northbrook, Illinois. Deliveries will only be accepted between the hours of 7:00 a.m. and 2:00 p.m. Monday – Friday. Delivery date must be reconfirmed verbally to the Water Plant at 847-480-0636 24-hours prior to actual delivery. Due to staffing, the Village has the right to turn away a delivery truck if there was not a minimum of a 24-hour notice.***
>
> **Prices quoted shall include all delivery/transportation costs.**

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder.

Questions: Aaron Foley, Assistant Water Production Supervisor at (847) 664-4135.

Item ("Materials")		Estimated Quantity	Unit	Unit Price	Extended Price
1.	***150 lb. CYLINDERS OF LIQUID CHLORINE***	256	Cylinders	$ 169.00	$ 43,264.00

Please remit quotation no later than 10:00 A.M. local time, February 19, 2026, to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst, (847) 664-4128. Clearly mark remitting quotation **"SEALED QUOTE – LIQUID CHLORINE"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, February 19, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

Alexander Chemical Corporation	February 13, 2026
VENDOR NAME	DATE
7593 S. First Road, LaPorte, IN 46350	
ADDRESS	
Robert Davidson, CEO	
CONTACT PERSON	SIGNATURE
(800) 348-8827 or (219) 393-5558	N/A
PHONE	FAX
bids@alexchem.com	
E-MAIL	

Terms and Conditions

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement
- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement
- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement
- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.
- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

b) Employer's Liability:
$500,000 ea. accident-injury
$500,000 ea. employee-disease
$500,000 disease-policy

Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:
   - Broad Form Property Damage Endorsement.
   - Independent Contractors.
   - Personal Injury (with Employment Exclusion deleted).
   - "X," "C," and "U" exclusions shall be limited.
   - Contractual Liability.
   - All employees shall be included as insureds.
   - Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following

parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 07/01/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Aon Risk Services Central, Inc. Chicago IL Office 200 East Randolph Chicago IL 60601 USA	PHONE (A/C. No. Ext): (866) 283-7122	FAX (A/C. No.): (800) 363-0105
	E-MAIL ADDRESS:	

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Granite State Insurance Company	23809
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

INSURED
Alexander Chemical Corp
7593 S. First Road
LaPorte IN 46350 USA

COVERAGES **CERTIFICATE NUMBER:** 570114102739 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	
							MED EXP (Any one person)	
							PERSONAL & ADV INJURY	
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	
	OTHER:							
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	
	☐ ANY AUTO						BODILY INJURY (Per person)	
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	
	☐ DED ☐ RETENTION							
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC013545870 (AOS)	07/01/2025	07/01/2026	X PER STATUTE ☐ OTH-ER	
A	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [N] (Mandatory in NH) N/A			WC014590635 (IL)	07/01/2025	07/01/2026	E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE-EA EMPLOYEE	$1,000,000
							E.L. DISEASE-POLICY LIMIT	$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance.

CERTIFICATE HOLDER

Alexander Chemical Corp.
7593 S. First Road
LaPorte IN 46350 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services Central Inc.

Holder Identifier :

Certificate No : 570114102739

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ALEXANDER CHEMICAL CORPORATION

AFFIDAVIT OF COMPLIANCE

Chlorine is purchased, packaged and delivered by Alexander Chemical Corporation, and is certified by the National Sanitation Foundation (NSF) to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals-Health Effects and conforms to the latest AWWA Standards

Robert Davidson, CEO

7593 S First Road, LaPorte, IN 46350
Tel 800.348.8827, Fax 219.393.5364

ALEXANDER CHEMICAL CORPORATION

7593 S. First Road
LaPorte, IN 46350
219/393-5558

CERTIFICATE OF CONFORMANCE

Customer: _____

Product: CHLORINE **Sales Order #:** _____

Purchase Order #: _____ **Shipment Date:** _____

	Analysis
Cl_2, weight %:	> 99.5
Moisture, ppm:	50 ppm max.
Non-Volatile Residue, ppm:	50 ppm max.
Appearance:	Green Liquid/Gas

NSF

Certified to NSF/ANSI/CAN 60

Maximum Usage Level: 30mg/L

This document was produced electronically and no signature is required.

ALEXANDER CHEMICAL CORPORATION

PRODUCT SPECIFICATION SHEET
Chlorine
Effective: 11/29/2023

Chemical Properties:

CAS#:	7782-50-5
Chemical formula:	Cl_2
Chlorine, weight %:	99.50 Minimum
Moisture, ppm:	50.00 Maximum
Non-volatile residue ppm:	50.00 Maximum
Bromine, ppm:	180 Maximum

Physical Properties:

Boiling point:	- 29.39 °F
Freezing point:	- 150.00 °F
Specific gravity (Gas), g/mL:	2.49 @ 32 °F
Specific gravity (Liquid), g/mL:	1.47 @ 32/39.2 °F
Vapor pressure, psig:	72 @ 60 °F
Appearance:	Amber-colored liquid, vaporizes to greenish-yellow gas
Odor:	Sharp, suffocating, pungent

Meets ANSI/AWWA specification B301

NSF International maximum use: 30.00 mg/L

Distributed by:

Alexander Chemical Corporation
Kingsbury Industrial Park
Kingsbury, Indiana 46345
800/348-8827

NSF
Certified to NSF/ANSI/CAN 60
Maximum Usage Level: 30mg/L

ALEXANDER CHEMICAL CORPORATION

SAFETY DATA SHEET

1. Identification

Product identifier	**Chlorine - Chlorine Liquefied Gas Under Pressure**
Other means of identification	None.
Recommended use	Chlorine is primarily used as a water treatment chemical as a disinfectant.
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier

Company name	Alexander Chemical Corp
Address	7593 S. First Road Kingsbury, Indiana 46345 USA
Telephone	(800) 348-8827
Toll Free	800-348-8827
E-mail	info@alexchem.com
Website	www.alexanderchemical.com
Contact name	Elise Lingenfield
Emergency Telephone	For Hazardous Materials [or Dangerous Goods] Incidents ONLY(spill, leak, fire, exposure or accident), call CHEMTREC at CHEMTREC®, USA: 001 (800) 424-9300 CHEMTREC®, Mexico :001-800-13-203-9987 CHEMTREC®, Other countries: 001 (703) 527-388

2. Hazard(s) identification

Physical hazards	Oxidizing gases	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Acute toxicity, inhalation	Category 2
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
OSHA defined hazards	Hazardous to the aquatic environment, acute hazard	Category 1

Label elements Not classified.

Signal word	Danger
Hazard statement	May cause or intensify fire; oxidizer. Contains gas under pressure; may explode if heated. Fatal if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life.

Precautionary statement

Prevention	Keep/Store away from clothing and other combustible materials. Keep reduction valves/valves and fittings free from oil and grease. Do not breathe gas. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Avoid release to the environment.
Response	In case of fire: Stop leak if safe to do so. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention if you feel unwell. Collect spillage.
Storage	Store locked up. Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Substances

Chemical name	Common name and synonyms	CAS number	%
Chlorine		7782-50-5	> 99

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.
Skin contact	Frostbite: Do not remove clothes, but flush with copious amounts of lukewarm water. Get medical attention immediately.
Eye contact	Frostbite: Immediately and briefly flush with lukewarm, gently flowing water. Cover both eyes with a sterile dressing. Immediately obtain medical attention. GAS: Not applicable. No effects expected.
Ingestion	Not likely, due to the form of the product.
Most important symptoms/effects, acute and delayed	May cause central nervous system effects. Dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Coughing. Burning pain and severe corrosive skin damage. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Contents under pressure. Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed. Hydrogen chloride gas.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions	Allow gas to burn if flow cannot be shut off immediately. Apply water from safe distance to cool container and protect surrounding area. In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. Do not direct water at source of leak or safety devices as icing may occur. Use water spray to cool unopened containers. Do not get water inside containers. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Cool containers exposed to flames with water until well after the fire is out.
General fire hazards	May intensify fire; oxidizer.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	If this gas leaks without igniting, extreme caution must be used; flammable or explosive mixtures with air may be formed. Extinguish all flames in the vicinity. This product is miscible in water. Stop leak if you can do so without risk. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Dike far ahead of spill for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Runoff from fire control or dilution water may cause pollution.

7. Handling and storage

Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Keep away from combustible material. Contents under pressure. Keep reduction valves free from grease and oil. Valve protection caps must remain in place unless container is secured with valve outlet piping to use point. Close valve after each use and when container is empty. Do not drop, drag, slide or roll cylinders on their sides. Use a suitable hand truck to move gas containers. Use a pressure reducing regulator when connecting container to piping or systems. Never insert an object (e.g. wrench, screwdriver, pry bar) into cap openings. Use an adjustable strap wrench to remove over-tight or rusted caps. Open valve slowly. Do not use gas directly from containers. Do not heat container by any means to increase the discharge rate of product from the container. Avoid breathing gas. Use only outdoors or in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Use personal protection as recommended in Section 8 of the SDS.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store in cool place. Refrigeration recommended. Do not store near combustible materials. Keep away from food, drink and animal feedingstuffs. Store away from incompatible materials (see Section 10 of the SDS). Store in accordance with NFPA 430 requirements for Class II oxidizers.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Chlorine (CAS 7782-50-5)	Ceiling	3 mg/m3
		1 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Chlorine (CAS 7782-50-5)	STEL	0.4 ppm
	TWA	0.1 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Chlorine (CAS 7782-50-5)	Ceiling	1.45 mg/m3
		0.5 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas.

Form Compressed liquefied gas.

Color Greenish yellow.

Odor Pungent.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -149.8 °F (-101 °C)

Initial boiling point and boiling range -29.3 °F (-34 °C) at 1 (atmosphere)

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 4800 mmHg (77 °F (25 °C))

Vapor density Not available.

Relative density 1.47 ± 0.03 (Liquid) (32 °F (0 °C))

2.49 ± 0.03 (Gas) (32 – 39 °F (0 – 3.89 °C))

Solubility(ies)

Solubility (water) Slightly soluble in water.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	Greatly increases the burning rate of combustible materials.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Reacts violently with water or moist air to form hydrogen chloride.
Conditions to avoid	Keep away from combustible material. Contact with incompatible materials.
Incompatible materials	Combustible material. Reducing agents. Ammonia. Alcohols. Water.
Hazardous decomposition products	Chlorine reacts with water and generate hydrogen chloride.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Fatal if inhaled. May cause irritation to the respiratory system.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Causes digestive tract burns. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms related to the physical, chemical and toxicological characteristics	May cause central nervous system effects. Dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause respiratory irritation. Coughing.

Information on toxicological effects

Acute toxicity Fatal if inhaled.

Components	Species	Test Results
Chlorine (CAS 7782-50-5)		
Acute		
Inhalation		
LC50	Rat	293 ppm, 1 Hours

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

12. Ecological information

Ecotoxicity Very toxic to aquatic life.

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Consult authorities before disposal. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number	UN1017
UN proper shipping name	Chlorine
Transport hazard class(es)	
Class	2.3
Subsidiary risk	5.1, 8
Label(s)	2.3, 5.1, 8
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	2, B9, B14, N86, T50, TP19
Packaging exceptions	None
Packaging non bulk	304
Packaging bulk	314, 315

IATA

UN number	UN1017
UN proper shipping name	Chlorine
Transport hazard class(es)	
Class	2.3
Subsidiary risk	5.1, 8
Label(s)	2.3, 5.1, 8
Packing group	Not applicable.
Environmental hazards	Yes
ERG Code	2CP
Special precautions for user	Passenger and Cargo Aircraft Quantity limitation: Forbidden.

IMDG

UN number	UN1017
UN proper shipping name	CHLORINE
Transport hazard class(es)	
Class	2.3
Subsidiary risk	5.1, 8
Label(s)	2.3, 5.1, 8
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	Yes
EmS	F-C, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Chlorine (CAS 7782-50-5) Listed.

SARA 304 Emergency release notification

CHLORINE (CAS 7782-50-5) 10 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) This substance is on the TSCA 8(b) inventory or is designated "active".

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)
Chlorine	7782-50-5	10	100		

SARA 311/312 Hazardous chemical Yes

Classified hazard categories
Oxidizer (liquid, solid, or gas)
Gas under pressure
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Chlorine	7782-50-5	> 99

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Chlorine (CAS 7782-50-5)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Chlorine (CAS 7782-50-5)

Safe Drinking Water Act (SDWA) Contains component(s) regulated under the Safe Drinking Water Act.

US state regulations

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER / POISON
Keep out of reach of children.
Liquefied Gas Under Pressure.
Non-flammable.
Fatal if inhaled.
Liquid causes severe burns.
Hazardous to Humans and domestic animals.
Corrosive. Causes irreversible eye damage and skin burns.
Fatal if swallowed inhaled or absorbed through skin.
Harmful if swallowed.
Do not swallow or inhale.
This product is toxic or highly toxic to fish and aquatic invertebrates to fish and wildlife.
Chlorine is a Non-flammable gas, liquefied, under pressure.

US. Massachusetts RTK - Substance List

Chlorine (CAS 7782-50-5)

US. New Jersey Worker and Community Right-to-Know Act

Chlorine (CAS 7782-50-5)

US. Pennsylvania Worker and Community Right-to-Know Law

Chlorine (CAS 7782-50-5)

US. Rhode Island RTK

Chlorine (CAS 7782-50-5)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Chlorine (CAS 7782-50-5)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 05-August-2014

Revision date 9/3/2024

Version # 03

NFPA ratings

Disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. ALEXANDER CHEMICAL CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. ALEXANDER CHEMICAL CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTIABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Alexander Chemical Corporation, and shall be the sole responsibility of the holder or user of the product.

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, November 3, 2025** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:
http://info.nsf.org/Certified/PwsChemicals/Listings.asp?Company=17460&Standard=060&

NSF/ANSI/CAN 60
Drinking Water Treatment Chemicals - Health Effects

Alexander Chemical Corporation

7593 South First Road
Kingsbury Industrial Park
Kingsbury, IN 46345
United States
800-348-8827
219-393-5558

Facility : Kingsbury, IN

Ammonia, Anhydrous

Trade Designation	*Product Function*	*Max Use*
Anhydrous Ammonia	Chloramination	5 mg/L

Ammonium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Ammonium Hydroxide	Chloramination	10 mg/L

Chlorine[CL]

Trade Designation	*Product Function*	*Max Use*
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrofluosilicic Acid

Trade Designation	*Product Function*	*Max Use*
Fluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L
Hydrofluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L

Miscellaneous Chemical Products[1]

Trade Designation	*Product Function*	*Max Use*
Potassium Bisulfite	Dechlorinator & Antioxidant	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Bisulfite[1]

Trade Designation	*Product Function*	*Max Use*
Sodium Bisulfite Solution, 38%	Dechlorination	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Caustic Soda-Liquid	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Diaphragm Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Membrane Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L

Sodium Hypochlorite[HY]

Trade Designation	*Product Function*	*Max Use*
12.5% Sodium Hypochlorite	Disinfection & Oxidation	84mg/L
Liquid Bleach	Disinfection & Oxidation	84 mg/L

Liquid Bleach 15%	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 15%	Disinfection & Oxidation	67mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Sulfuric Acid

Trade Designation	*Product Function*	*Max Use*
Sulfuric Acid	Corrosion & Scale Control	50 mg/L

Number of matching Manufacturers is 1

Number of matching Products is 16

Processing time was 0 seconds

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase of Hydrofluorosilicic Acid for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

Overview

The Village of Northbrook is responsible for meeting stringent drinking water quality standards established by the Illinois Environmental Protection Agency (IEPA) and conducts a water treatment process that includes fluoride, also know as hydrofluorosilicic acid, procured on a liquid ton basis.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides funds in Water Fund Account No. 21-4170-643-84 (Fluoride) for the purchase of fluoride utilized in the Village's water treatment process. Staff is requesting authorization up to the budgeted amount, for a total spending authority of $17,500. Funds will be drawn from this account as needed at the prices outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Water Fund - Fluoride	21-4170-643-84	$17,500	$17,500	$17,500	$0	Yes

Fluoride usage has a direct correlation with the total volume of water produced by the Village. Water production levels may fluctuate based on a variety of factors, including seasonal temperature increases, higher outdoor water usage (such as landscape irrigation during warmer months), and unexpected water main breaks. The budget contains sufficient funds for the purchase of a little more than 28 liquid tons of fluoride. The Village estimates a quantity of 30 tons is used on annual basis, however this is dependent on water usage within the community. Should the full 30 tons (or more) be required, staff will prepare a memo and Resolution amending the authorized spending authority for this commodity for the Village Board's consideration.

Recommendation
Approval.

Background
The Village's Water Treatment Plant uses different chemicals and mechanical methods to ensure the finished water meets stringent water quality standards. As part of the water production process, fluoride (hydrofluorosilicic acid) is added to water during the production process. Fluoride is procured on a liquid ton basis (“Materials”).

In January 2026, staff prepared a Request for Quotations (RFQ) that included specifications and estimated quantities for the Materials, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26 and sent to six (6) vendors. The Village received two (2) bid responses on February 19, 2026. A summary of the bids are shown in Table 1 below.

Table 1. Summary of Fluoride Unit Prices	
Firm	**Price Per Liquid Ton**
Alexander Chemical Corporation	$619
Rowell Chemical	$671

After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("Vendor") submitted the lowest, most responsive bid. The Vendor has provided the Village with fluoride in the past and staff has been satisfied with their product and services.

The term for this agreement is from May 1, 2026 through April 30, 2027. Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase of Hydrofluorosilicic Acid for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana
Exhibit A - Alexander Chemical Corporation - Quote for Fluoride

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase of Hydrofluorosilicic Acid for the Water Treatment Plant from Alexander Chemical Corporation of LaPorte, Indiana

is hereby adopted, as follows:

Section 1. Recitals

The Village's Water Treatment Plant uses a number of different chemicals and mechanical methods to ensure the finished water meets stringent water quality standards. As part of the disinfection process, fluoride (hydrofluorosilicic acid) is added to water during the production process. In January 2026, Village staff issued a Request for Quotations ("***RFQ***") and that included specifications and estimated quantities for fluoride, inclusive of delivery, for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on January 26, 2026 and sent to six vendors.

The Village received two bid responses on February 19, 2026. After review, staff determined that Alexander Chemical Corporation of LaPorte, Indiana ("***Vendor***") submitted the lowest, most responsive bid for fluoride ("***Materials***"). The term for this agreement is from May 1, 2026, to April 30, 2027.

The adopted Fiscal Year 2026-2027 Budget provides funds in Water Fund Account No. 21-4170-643-84 for the purchase of the Materials utilized in the Village's water treatment process. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $17,500. Funds will be drawn from this account as needed at rates outlined in ***Exhibit A***.

Fluoride usage has a direct correlation with the total volume of water produced by the Village. Water production levels may fluctuate based on a variety of factors, including seasonal temperature increases, higher outdoor water usage (such as landscape irrigation during warmer months), and unexpected water main breaks. The budget contains sufficient funds for the purchase of a little more than 28 liquid tons of fluoride. The Village estimates a quantity of 30 tons is used on annual basis, however this is dependent on water usage within the community. Should the full 30 tons (or more) be required, staff will prepare a memo and Resolution amending the authorized spending authority for this commodity for the Village Board's consideration.

Based on these factors, staff recommends that the Village Board authorize the purchase of the Materials from the Vendor at the unit prices outlined in ***Exhibit A***.

The President and the Board of Trustees have considered the purchase and determined that it is in the best interests of the Village and the public to approve the purchase of the Materials from the Vendor.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Materials from the Vendor in accordance with the terms and at the unit prices set forth in ***Exhibit A*** for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

January 26, 2026

REQUEST FOR QUOTATION (*"REQUEST"*)- DUE DATE February 19, 2026

The Village of Northbrook (***"Village"***) is accepting bids for "**23-25% hydrofluorosilicic acid**" for potable water treatment.

Responses Due: 10:00 A.M. on February 19, 2026 (bid opening to occur immediately afterward)

Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor (***"Vendor"***) shall provide the materials identified below:

> 23 – 25% hydrofluorosilicic acid supplied shall conform to American Water Works Association (AWWA) Standard B703-11 and ANSI/NSF Standard 60 certification for use in potable water treatment. The estimated annual quantity to be delivered shall be approximately 30 tons. ***All quantities are tentative, deliveries should be 4,000 gallons or less. Delivery is to be made to Northbrook's Water Filtration Plant, 750 Dundee Road, Northbrook, Illinois 60062, between the hours of 7:00 a.m. and 2:00 p.m. Monday - Friday. Deliveries shall include a 500 ml sample and a Certificate of Analysis.***
>
> **Prices quoted shall include all delivery/transportation costs.**

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder.

Questions: Aaron Foley, Assistant Water Production Supervisor at (847) 664-4135

	Item ("Materials")	Estimated Quantity	Unit	Unit Price	Extended Price
1.	***HYDROFLUOROSILICIC ACID (23% BASIS) PER TON NET DELIVERED***	30	Tons	$ 619.00	$ 18,570.00

Please remit quotation no later than 10:00 A.M. local time, February 19, 2026, to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst, (847) 664-4128. Clearly mark remitting quotation **"SEALED QUOTE – HYDROFLUOROSILICIC ACID"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, February 19, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

Alexander Chemical Corporation	February 13, 2026
VENDOR NAME	DATE
7593 S. First Road, LaPorte, IN 46350	
ADDRESS	
Robert Davidson, CEO	
CONTACT PERSON	SIGNATURE
(800) 348-8827 or (219) 393-5558	N/A
PHONE	FAX
bids@alexchem.com	
E-MAIL	

Terms and Conditions

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement
- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement
- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement
- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.
- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

b) Employer's Liability:
$500,000 ea. accident-injury
$500,000 ea. employee-disease
$500,000 disease-policy

Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:
   - Broad Form Property Damage Endorsement.
   - Independent Contractors.
   - Personal Injury (with Employment Exclusion deleted).
   - "X," "C," and "U" exclusions shall be limited.
   - Contractual Liability.
   - All employees shall be included as insureds.
   - Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following

parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 07/01/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Chicago IL Office 200 East Randolph Chicago IL 60601 USA	**CONTACT NAME:** **PHONE (A/C. No. Ext):** (866) 283-7122 **FAX (A/C. No.):** (800) 363-0105 **E-MAIL ADDRESS:**
INSURED Alexander Chemical Corp 7593 S. First Road LaPorte IN 46350 USA	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A:** Granite State Insurance Company 23809 **INSURER B:** **INSURER C:** **INSURER D:** **INSURER E:** **INSURER F:**

COVERAGES **CERTIFICATE NUMBER:** 570114102739 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	
	☐ **UMBRELLA LIAB** ☐ OCCUR ☐ **EXCESS LIAB** ☐ CLAIMS-MADE ☐ DED ☐ RETENTION						EACH OCCURRENCE AGGREGATE	
A	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY**			WC013545870 (AOS)	07/01/2025	07/01/2026	X PER STATUTE ☐ OTH-ER	
A	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [N] **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC014590635 (IL)	07/01/2025	07/01/2026	E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	$1,000,000 $1,000,000 $1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance.

CERTIFICATE HOLDER

Alexander Chemical Corp.
7593 S. First Road
LaPorte IN 46350 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Services Central, Inc.

Holder Identifier :

Certificate No : 570114102739

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ALEXANDER CHEMICAL CORPORATION

AFFIDAVIT OF COMPLIANCE

Hydrofluosilicic Acid is purchased, packaged and delivered by Alexander Chemical Corporation and is certified by the National Sanitation Foundation (NSF) to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals-Health Effects and conforms to the latest AWWA Standards.

Robert Davidson, CEO

7593 S First Road, LaPorte, IN 46350
Tel 800.348.8827, Fax 219.393.5364

ALEXANDER

ALEXANDER CHEMICAL CORPORATION

7593 S. First Road
La Porte, IN 46350
219/393-5558

CERTIFICATE OF CONFORMANCE

Product: Fluorosilicic Acid-Water Treatment Grade (Hydrofluorosilicic Acid)

Customer: _____

Purchase Order #: _____ **Sales Order #:** _____

Lot #: _____ **Shipment Date:** _____

	Analysis
Hydrofluorosilicic Acid, wt.%	23.00-25.00
Specific Gravity @ 20°C, g/mL:	1.212-1.223
% HF:	<1.0
Color (APHA):	<25
Heavy metals as lead, ppm :	<200

NSF

Certified to NSF/ANSI/CAN 60

MUL: 5mg/L

This document was produced electronically and no signature is required.

ALEXANDER CHEMICAL CORPORATION

PRODUCT SPECIFICATION SHEET
HYDROFLUOSILICIC ACID
Effective 07/09/2021

Chemical Properties:

CAS#:	16961-83-4
Chemical formula:	H_2SiF_6
Molecular weight:	144.06
Hydrofluosilicic acid, %:	23.00 - 25.00
Hydrofluoric acid (HF), %:	1 Maximum
Heavy metals as lead, ppm:	200.00 maximum
Color:	25 APHA maximum

Physical Properties:

Boiling point, ^{0}F:	225.00
Freezing point, ^{0}F:	- 4.00
Specific gravity @ 60 ^{0}F:	1.223 @ 25.00 %
Vapor pressure, mm Hg @ 167 ^{0}F:	218
pH:	1.2
Appearance:	White to Straw Yellow
Odor:	Sour, pungent
Solubility in water:	Complete

NSF International maximum use: 5.00 milligrams per liter

Packaged by:

Alexander Chemical Corporation
7593 South First Road
La Porte, Indiana 46350
800-348-8827

NSF
Certified to NSF/ANSI/CAN 60
Maximum Usage Level: 5mg/L

ALEXANDER CHEMICAL CORPORATION

SAFETY DATA SHEET

1. Identification

Product identifier **Hydrofluosilicic acid**

Other means of identification

Synonyms Fluorosilicic acid, Hydrofluorosilicic acid

Recommended use Hydrofluosilicic acid is an acid used in water treatment application.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Alexander Chemical Corporation
Address 7593 S. First Road,
Kingsbury Industrial Park, USA
Fax 219-393-5364

Website www.alexanderchemical.com
E-mail qc@alexchem.com

Telephone (800) 348-8827 - non-emergency inquiries only

Emergency telephone number

For Hazardous Materials [or Dangerous Goods] Incidents ONLY

(spill, leak, fire, exposure or accident), call CHEMTREC at
CHEMTREC®, USA: 001 (800) 424-9300
CHEMTREC®, Mexico (Toll-Free - must be dialed from within country):
001-800-13-203-9987
CHEMTREC®, Other countries: 001 (703) 527-388

2. Hazard(s) identification

Physical hazards

Health hazards

Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 1B
Serious eye damage/eye irritation	Category 1

Not classified.

OSHA defined hazards

Label elements

Signal word Danger

Hazard statement Harmful if swallowed. Causes severe skin burns and eye damage.

Precautionary statement

Prevention Do not breathe mist. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Substances

Chemical name	Common name and synonyms	CAS number	%
Hydrofluorosilicic acid		16961-83-4	25
Water/Inactive Ingredients		7732-18-5	75

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms occur.

Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Chemical burns must be treated by a physician.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Hold eyelids apart. Continue rinsing. Get medical attention immediately.

Ingestion Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Obtain medical attention and take along these instructions.

Most important symptoms/effects, acute and delayed Corrosive. Prolonged contact causes serious eye and tissue damage. May cause burns in mucous membranes, throat, esophagus and stomach. May cause lung edema. Symptoms may be delayed.

Indication of immediate medical attention and special treatment needed In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.

Fire-fighting equipment/instructions Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Stay upwind. Keep out of low areas. Ensure adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Use personal protection recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Absorb spill with vermiculite or other inert material. Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

Never return spills in original containers for re-use.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

7. Handling and storage

Precautions for safe handling

Handle and open container with care. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapor. Wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep in a well-ventilated place. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep this material away from food, drink and animal feed. Use care in handling/storage. Transfer and storage systems should be compatible and corrosion resistant.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Hydrofluorosilicic acid (CAS 16961-83-4)	PEL	2.5 mg/m3

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value	Form
Hydrofluorosilicic acid (CAS 16961-83-4)	TWA	2.5 mg/m3	Dust.

US. ACGIH Threshold Limit Values

Components	Type	Value
Hydrofluorosilicic acid (CAS 16961-83-4)	TWA	2.5 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Hydrofluorosilicic acid (CAS 16961-83-4)	TWA	2.5 mg/m3

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Hydrofluorosilicic acid (CAS 16961-83-4)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*

* - For sampling details, please see the source document.

Appropriate engineering controls

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety glasses or goggles.

Skin protection

Hand protection

Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing. Protective shoes or boots. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Wear chemical protective equipment that is specifically recommended by the Personal Protective Equipment manufacturer.

Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In case of inadequate ventilation or risk of inhalation of mist, use suitable respiratory equipment with particle filter. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134 and ANSI Z88.2.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove and isolate contaminated clothing and shoes. Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse.

9. Physical and chemical properties

Appearance	White to straw yellow solution.
Physical state	Liquid.
Form	Liquid.
Color	White to straw yellow.
Odor	Pungent, sour penetrating odor.
Odor threshold	Not available.
pH	1.2
Melting point/freezing point	-4 °F (-20 °C)
Initial boiling point and boiling range	225 °F (107.22 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	218 mm Hg (100 °F / 38 °C)
Vapor density	Not available.
Relative density	1.22 ± 0.03
Relative density temperature	77 °F (25 °C)
Solubility(ies)	
Solubility (water)	Completely soluble in water.
Partition coefficient (n-octanol/water)	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
VOC (Weight %)	Not available

10. Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Contact with metals may evolve flammable hydrogen gas.
Conditions to avoid	Keep away from water, steam or other incompatible materials.
Incompatible materials	Glass. Stoneware. Metals. Bases.
Hazardous decomposition products	Hydrogen fluoride. Silicon tetrafluoride. Hydrogen gas.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Harmful if swallowed. Causes digestive tract burns.
Inhalation	Causes respiratory tract burns. May cause lung edema.
Skin contact	Causes severe skin burns.
Eye contact	Causes severe eye burns.
Symptoms related to the physical, chemical and toxicological characteristics	Corrosive. Prolonged contact causes serious eye and tissue damage. May cause burns in mucous membranes, throat, esophagus and stomach. May cause lung edema. Symptoms may be delayed.

Information on toxicological effects

Acute toxicity Harmful if swallowed.

Components	Species	Test Results
Hydrofluorosilicic acid (CAS 16961-83-4)		
Acute		
Oral		
LD50	Rat	430 mg/kg

Skin corrosion/irritation	Causes severe skin burns.
Serious eye damage/eye irritation	Causes severe eye damage.
Respiratory or skin sensitization	
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	No data available.
Chronic effects	Prolonged overexposure to fluorides may increase fluoride content of bones and teeth, and may result in fluorosis, with mottling of teeth (in children) and brittleness of bones. Absorbed fluoride can cause metabolic imbalances with irregular heartbeat, nausea, dizziness, vomiting and seizures. Risk of hypocalcemia with nervous problems (tetany) and cardiac arrhythmia.

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	The product is water soluble and may spread in water systems.
Other adverse effects	The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.
Hazardous waste code	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel] Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number	UN1778
UN proper shipping name	Fluorosilicic acid
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	A6, A7, B2, B15, IB2, N3, N34, T8, TP2, TP12
Packaging exceptions	None
Packaging non bulk	202
Packaging bulk	242

DOT BULK

BULK

UN number	UN1778
UN proper shipping name	Fluorosilicic acid
Transport hazard class(es)	
Class	8
Label(s)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	A6, A7, B2, B15, IB2, N3, N34, T8, TP2, TP12
Packaging exceptions	None
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN1778
UN proper shipping name	Fluorosilicic acid
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s) Packing	8
group Environmental	II
hazards ERG Code	No.
	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1778
UN proper shipping name	FLUOROSILICIC ACID
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s) Packing	8
group Environmental	II
hazards	
Marine pollutant	No.
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This product is a liquid and when transported in bulk is covered under MARPOL 73/78 Annex II. This product is listed in the IBC Code. Ship type: 3 Pollution category: Y

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Hydrofluorosilicic acid (CAS 16961-83-4)

US. New Jersey Worker and Community Right-to-Know Act

Hydrofluorosilicic acid (CAS 16961-83-4)

US. Pennsylvania Worker and Community Right-to-Know Law

Hydrofluorosilicic acid (CAS 16961-83-4)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 25-July-2014

Revision date Revision date: 9/2/25

Version # 02

NFPA ratings

References

Registry of Toxic Effects of Chemical Substances (RTECS)
GESTIS Substance Database
US. IARC Monographs on Occupational Exposures to Chemical Agents

Disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. ALEXANDER CHEMICAL CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. ALEXANDER CHEMICAL CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTIABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Alexander Chemical Corporation, and shall be the sole responsibility of the holder or user of the product.

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, November 3, 2025** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:
http://info.nsf.org/Certified/PwsChemicals/Listings.asp?Company=17460&Standard=060&

NSF/ANSI/CAN 60
Drinking Water Treatment Chemicals - Health Effects

Alexander Chemical Corporation

7593 South First Road
Kingsbury Industrial Park
Kingsbury, IN 46345
United States
800-348-8827
219-393-5558

Facility : Kingsbury, IN

Ammonia, Anhydrous

Trade Designation	*Product Function*	*Max Use*
Anhydrous Ammonia	Chloramination	5 mg/L

Ammonium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Ammonium Hydroxide	Chloramination	10 mg/L

Chlorine[CL]

Trade Designation	*Product Function*	*Max Use*
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrofluosilicic Acid

Trade Designation	*Product Function*	*Max Use*
Fluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L
Hydrofluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L

Miscellaneous Chemical Products[1]

Trade Designation	*Product Function*	*Max Use*
Potassium Bisulfite	Dechlorinator & Antioxidant	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Bisulfite[1]

Trade Designation	*Product Function*	*Max Use*
Sodium Bisulfite Solution, 38%	Dechlorination	46mg/L

[1] This product contains sulfite.
Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.
The maximum recommended allowable residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Caustic Soda-Liquid	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Diaphragm Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Membrane Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L

Sodium Hypochlorite[HY]

Trade Designation	*Product Function*	*Max Use*
12.5% Sodium Hypochlorite	Disinfection & Oxidation	84mg/L
Liquid Bleach	Disinfection & Oxidation	84 mg/L

Liquid Bleach 15%	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 15%	Disinfection & Oxidation	67mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Sulfuric Acid

Trade Designation	*Product Function*	*Max Use*
Sulfuric Acid	Corrosion & Scale Control	50 mg/L

Number of matching Manufacturers is 1

Number of matching Products is 16

Processing time was 0 seconds

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase of Water and Sewer System Repair Supplies, as Needed, from Ziebell Water Service Products, Inc. of Elk Grove Village, Illinois; Mid-American Water of Wauconda, Illinois; and Joseph D. Foreman & Co. of Lake Barrington, Illinois

Overview
The Village contracts with multiple preferred vendors to ensure the Village can purchase necessary parts from an authorized vendor for the maintenance and repair of the Village's water and sewer system. The repair parts support operational activities such as new home connections and hydrant repairs as needed.

Fiscal Impact
The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4180-645-00 (Water Line Parts), Sanitary Sewer Fund Account No. 14-4160-646-00 (Sewer Line and Lift Station Parts), and Stormwater Fund Account No. 16-4190-646-00 (Sewer Line and Lift Station Parts) for the purchase of water and sewer system parts. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $134,250. Funds will be drawn from these accounts as needed at prices outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget
Water Fund - Water Line Parts	21-4180-645-00	$115,000	$115,000	$100,000	$15,000	Yes
Sanitary Sewer Fund - Sewer Line and Lift Station Parts	14-4160-646-00	$12,750	$12,750	$12,750	$0	Yes
Stormwater Fund - Sewer Line and Lift Station Parts	16-4190-646-00	$21,500	$21,500	$21,500	$0	Yes

Recommendation
Approval.

Background

As part of its ongoing maintenance responsibilities, the Public Works Department provides water main tapping and break repair services, and also procures the necessary parts to support repairs to both the water distribution, sanitary and stormwater sewer systems. Taps are completed when new individual service lines are connected to the system and are done using a special fitted clamp (often called a "saddle" or "tapping sleeve") that secures around the water main and provides a watertight seal between the main and connection. Similarly, the most common method for repairing water main breaks, when the overall condition of the pipe is good, is to place a sleeve over the break to secure the broken area. However, in cases where the area around the break is severely compromised, the preferred method is to cut out the compromised section of water main and replace it with a new segment of pipe, which is then secured with sleeves. Sleeves come in a variety of sizes according to the size of the tap (if applicable), the diameter of the main, and the length to be covered by the sleeve.

In March 2026, staff prepared and issued a Request for Quotations (RFQ) that included specifications for the various types of water main tap and sewer repair supplies ("Parts") that the Village would purchase for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on March 16 and sent to six (6) vendors. On April 2, 2026, the Village received five (5) responsive bids.

As water and sewer system parts are usually needed on an emergency basis and an individual vendor may not have a particular item at any given time, the purpose of the RFQ was to identify the low bidder for each individual item. In the event that the Village needed to procure a specific item, staff would first attempt to procure it from the vendor with the lowest bid. If the item was not available from the low-bidder, staff would then approach the next low bidder for the item and so forth.

After review of the submitted bids, staff determined Ziebell Water Service Products, Inc. of Elk Grove Village, Illinois; Mid-American Water of Wauconda, Illinois; and Joseph D. Foreman & Co. of Lake Barrington, Illinois (collectively, “Vendors”) submitted the lowest, most responsive bids and recommends approval of the Resolution authorizing the purchase of the Parts at the unit prices outlined in Exhibit A on an as needed basis. The Vendors have provided the Village with parts in the past and staff has been satisfied with their services.

The term for this agreement is from May 1, 2026 through April 30, 2027. Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase of Water and Sewer System Repair Parts, as Needed

Exhibit A - Water & Sewer Parts Pricing

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase of Water and Sewer System Repair Parts, as Needed, from Ziebell Water Service Products, Inc. of Elk Grove Village, Illinois; Mid-American Water of Wauconda, Illinois; and Joseph D. Foreman & Co. of Lake Barrington, Illinois

is hereby adopted, as follows:

Section 1. Recitals

As part of its ongoing maintenance responsibilities, the Public Works Department provides water main tapping and break repair services and also procures the necessary materials to support repairs to both the water distribution, sanitary and stormwater sewer systems. In March 2026, Village staff issued a Request for Quotations ("***RFQ***") that included specifications for the various types of water main tap and sewer repair supplies ("***Parts***") that the Village would purchase for Fiscal Year 2026-2027. The RFQ was posted to the Village's website on March 19, 2026, and sent to six vendors. On April 2, 2026, the Village received five responses.

As water and sewer system parts are usually needed on an emergency basis and an individual vendor may not have a particular item at any given time, the purpose of the RFQ was to identify the low bidder for each individual item. In the event that the Village needs to procure a specific item, staff will first attempt to procure it from the vendor with the lowest bid. If the item is not available from the low-bidder, staff will then approach the next low bidder for the item and so forth.

After review of the submitted bids, staff determined Ziebell Water Service Products, Inc. of Elk Grove Village, Illinois; Mid-American Water of Wauconda, Illinois; and Joseph D. Foreman & Co. of Lake Barrington, Illinois (collectively, the "***Vendors***") submitted the lowest, most responsive bids and recommends approval of this Resolution authorizing the purchase of the Parts at the unit prices outlined in ***Exhibit A***, on an as needed basis. The Vendors have provided the Village with parts in the past and staff has been satisfied with their services. The term for this agreement is from May 1, 2026, to April 30, 2027.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Water Fund Account No. 21-4180-645-00 (Water Line Parts), Sanitary Sewer Fund Account No. 14-4160-646-00 (Sewer Line and Lift Station Parts), and Stormwater Fund Account No. 16-4190-646-00 (Sewer Line and Lift Station Parts) for the purchase of water and sewer system parts. Staff is requesting authorization of up to the budgeted amount, for a total spending authority of $134,250. Funds will be drawn from these accounts as needed at prices outlined in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the purchase of the Parts from the Vendors at the unit prices outlined in ***Exhibit A***.

The President and the Board of Trustees have considered the purchase and determined that it is in the best interests of the Village and the public to approve the purchase.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Parts from the Vendors in accordance with the terms and at the unit prices set forth in ***Exhibit A*** for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

BRAND: FORD

TAPPED REPAIR CLAMPS	Mid-American Water			Joseph D. Foreman Co.			Ziebell Water Services Products, Inc.		
	Unit Prices			Unit Prices			Unit Prices		
	Size			Size			Size		
	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"
4" x 8" Small (4.74-5.14)	$ 94.34	$ 122.11	$ 124.50	$ 94.70	$ 122.60	$ 125.00	$ 98.00	$ 126.00	$ 129.00
4" x 12" Small (4.74-5.14)	$ 119.47	$ 147.82	$ 151.02	$ 120.00	$ 148.40	$ 151.69	$ 124.00	$ 153.00	$ 156.00
4" x 15" Small (4.74-5.14)	$ 134.45	$ 161.93	$ 164.79	$ 135.00	$ 162.60	$ 165.70	$ 139.00	$ 167.00	$ 171.00
4" x 20" Small (4.74-5.14)	$ 208.57	$ 237.07	$ 256.39	$ 209.50	$ 238.10	$ 257.50	$ 216.00	$ 245.00	$ 265.00
4" x 24" Small (4.74-5.14)	$ 230.33	$ 297.99	$ 324.00	$ 231.30	$ 299.30	$ 325.40	$ 238.00	$ 308.00	$ 335.00
4" x 30" Small (4.74-5.14)	$ 312.10	$ 304.61	$ 320.99	$ 314.00	$ 305.90	$ 322.40	$ 323.00	$ 315.00	$ 331.00
4" x 36" Small (4.74-5.14)	$ 480.99	$ 507.00	$ 522.22	$ 483.10	$ 509.30	$ 525.30	$ 496.00	$ 523.00	$ 540.00
4" x 8" **Large** (4.95-5.35)	$ 94.34	$ 122.11	$ 124.50	$ 94.70	$ 122.60	$ 125.00	$ 98.00	$ 126.00	$ 129.00
4" x 12" **Large** (4.95-5.35)	$ 119.47	$ 147.82	$ 151.02	$ 120.00	$ 148.40	$ 151.69	$ 124.00	$ 153.00	$ 156.00
4" x 15" **Large** (4.95-5.35)	$ 134.45	$ 161.93	$ 164.79	$ 135.00	$ 162.60	$ 165.70	$ 139.00	$ 167.00	$ 176.00
4" x 20" **Large** (4.95-5.35)	$ 208.57	$ 237.07	$ 256.39	$ 209.50	$ 238.10	$ 257.50	$ 216.00	$ 245.00	$ 265.00
4" x 24" **Large** (4.95-5.35)	$ 230.33	$ 297.99	$ 324.00	$ 231.30	$ 299.30	$ 325.40	$ 238.00	$ 308.00	$ 335.00
4" x 30" **Large** (4.95-5.35)	$ 312.10	$ 304.61	$ 320.99	$ 314.00	$ 305.90	$ 322.40	$ 323.00	$ 315.00	$ 332.00
4" x 36" **Large** (4.95-5.35)	$ 480.99	$ 507.00	$ 522.22	$ 483.10	$ 509.30	$ 525.30	$ 496.00	$ 523.00	$ 540.00
6" x 8"	$ 93.80	$ 122.51	$ 135.71	$ 94.20	$ 123.00	$ 136.30	$ 97.00	$ 127.00	$ 140.00
6" x 12"	$ 129.61	$ 154.63	$ 164.75	$ 130.10	$ 155.30	$ 165.40	$ 134.00	$ 160.00	$ 170.00
6" x 15"	$ 117.33	$ 172.51	$ 189.29	$ 146.50	$ 173.20	$ 190.10	$ 187.00	$ 178.00	$ 196.00
6" x 20"	$ 212.18	$ 229.46	$ 248.04	$ 213.10	$ 230.40	$ 249.10	$ 219.00	$ 237.00	$ 256.00
6" x 24"	$ 249.68	$ 273.63	$ 299.23	$ 250.78	$ 274.80	$ 300.50	$ 258.00	$ 283.00	$ 309.00
6" x 30"	$ 286.73	$ 318.26	$ 334.23	$ 288.00	$ 319.60	$ 335.70	$ 296.00	$ 329.00	$ 345.00
6" x 36"	$ 493.59	$ 526.73	$ 540.46	$ 495.80	$ 529.00	$ 542.80	$ 509.00	$ 544.00	$ 554.00
8" x 8"	$ 104.86	$ 131.30	$ 144.35	$ 105.30	$ 131.80	$ 145.00	$ 109.00	$ 136.00	$ 149.00
8" x 10"	$ 126.84	$ 154.11	$ 173.05	$ 127.20	$ 154.80	$ 173.80	$ 131.00	$ 159.00	$ 179.00
8" x 12"	$ 147.29	$ 165.09	$ 177.96	$ 147.90	$ 165.90	$ 178.70	$ 152.00	$ 171.00	$ 184.00
8" x 15"	$ 164.21	$ 189.94	$ 204.39	$ 164.90	$ 190.70	$ 204.40	$ 170.00	$ 196.00	$ 210.00
8" x 20"	$ 226.90	$ 249.49	$ 268.82	$ 227.90	$ 250.60	$ 270.00	$ 235.00	$ 258.00	$ 278.00
8" x 24"	$ 276.76	$ 290.41	$ 305.49	$ 277.50	$ 291.70	$ 306.80	$ 285.00	$ 300.00	$ 316.00
8" x 30"	$ 369.29	$ 398.71	$ 429.87	$ 370.90	$ 400.48	$ 431.77	$ 381.00	$ 412.00	$ 444.00
8" x 36"	$ 507.42	$ 534.25	$ 570.88	$ 509.68	$ 536.60	$ 573.00	$ 524.00	$ 551.00	$ 589.00
10" x 8"	$ 130.64	$ 155.79	$ 159.98	$ 131.20	$ 156.40	$ 160.60	$ 135.00	$ 161.00	$ 165.00
10" x 10"	$ 166.81	$ 182.29	$ 191.67	$ 167.50	$ 183.40	$ 192.50	$ 173.00	$ 189.00	$ 198.00
10" x 12"	$ 188.53	$ 212.85	$ 222.49	$ 189.30	$ 213.68	$ 223.40	$ 195.00	$ 220.00	$ 230.00
10" x 15"	$ 212.56	$ 229.85	$ 248.44	$ 213.50	$ 230.80	$ 249.50	$ 220.00	$ 238.00	$ 257.00
10" x 20"	$ 274.08	$ 299.50	$ 314.89	$ 275.30	$ 300.80	$ 316.30	$ 283.00	$ 309.00	$ 325.00
10" x 24"	$ 391.16	$ 399.00	$ 424.99	$ 392.90	$ 401.38	$ 426.80	$ 404.00	$ 413.00	$ 439.00
10" x 30"	$ 439.38	$ 447.85	$ 493.42	$ 441.30	$ 449.80	$ 495.60	$ 454.00	$ 462.00	$ 509.00
10" x 36"	$ 670.59	$ 682.43	$ 695.00	$ 673.58	$ 685.40	$ 698.10	$ 692.00	$ 704.00	$ 717.00
12" x 10"	$ 181.77	$ 197.84	$ 208.23	$ 182.50	$ 198.70	$ 208.10	$ 188.00	$ 205.00	$ 214.00
12" x 12"	$ 213.74	$ 231.09	$ 249.74	$ 214.68	$ 232.10	$ 250.80	$ 221.00	$ 239.00	$ 258.00
12" x 15"	$ 247.35	$ 266.00	$ 285.90	$ 248.40	$ 267.10	$ 287.20	$ 256.00	$ 275.00	$ 295.00
12" x 20"	$ 319.99	$ 341.59	$ 364.47	$ 321.40	$ 343.10	$ 366.08	$ 331.00	$ 353.00	$ 376.00
12" x 24"	$ 429.34	$ 437.80	$ 446.82	$ 431.20	$ 439.70	$ 448.80	$ 443.00	$ 452.00	$ 461.00
12" x 30"	$ 483.16	$ 501.45	$ 540.69	$ 485.30	$ 503.68	$ 543.10	$ 499.00	$ 517.00	$ 558.00
12" x 36"	$ 664.48	$ 742.08	$ 754.01	$ 667.40	$ 745.40	$ 757.38	$ 686.00	$ 706.00	$ 778.00

BRAND: SMITH BLAIR

TAPPED REPAIR CLAMPS	Mid-American Water			Joseph D. Foreman Co.			Ziebell Water Services Products, Inc.		
	Unit Prices			Unit Prices			Unit Prices		
	Size			Size			Size		
	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"
4" x 8" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 104.00	$ 115.00	$ 125.00
4" x 12" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 144.00	$ 154.00	$ 164.00
4" x 15" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 156.00	$ 166.00	$ 176.00
4" x 20" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 220.00	$ 230.00	$ 240.00
4" x 24" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 272.00	$ 282.00	$ 292.00
4" x 30" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 281.00	$ 291.00	$ 301.00
4" x 36" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
4" x 8" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 111.00	$ 119.00	$ 130.00
4" x 12" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 145.00	$ 157.00	$ 168.00
4" x 15" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 163.00	$ 174.00	$ 184.00
4" x 20" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 226.00	$ 240.00	$ 251.00
4" x 24" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 273.00	$ 282.00	$ 294.00
4" x 30" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 315.00	$ 328.00	$ 338.00
4" x 36" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
6" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 118.00	$ 129.00	$ 137.00
6" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 168.00	$ 179.00	$ 189.00
6" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 184.00	$ 195.00	$ 205.00
6" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 268.00	$ 279.00	$ 289.00
6" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 331.00	$ 342.00	$ 352.00
6" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 373.00	$ 384.00	$ 394.00
6" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
8" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 132.00	$ 142.00	$ 153.00
8" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 163.00	$ 174.00	$ 184.00
8" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 193.00	$ 205.00	$ 216.00
8" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 219.00	$ 231.00	$ 247.00
8" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 300.00	$ 312.00	$ 326.00
8" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 365.00	$ 378.00	$ 389.00
8" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 426.00	$ 441.00	$ 457.00
8" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
10" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 163.00	$ 175.00	$ 186.00
10" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 205.00	$ 219.00	$ 231.00
10" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 234.00	$ 247.00	$ 260.00
10" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 238.00	$ 282.00	$ 294.00
10" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 355.00	$ 368.00	$ 384.00
10" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 432.00	$ 447.00	$ 461.00
10" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 494.00	$ 547.00	$ 531.00
10" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
12" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 186.00	$ 200.00	$ 216.00
12" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 278.00	$ 292.00	$ 304.00
12" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 311.00	$ 326.00	$ 339.00
12" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 415.00	$ 431.00	$ 444.00
12" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 489.00	$ 504.00	$ 520.00
12" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 567.00	$ 583.00	$ 599.00
12" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote

BRAND: MUELLER

TAPPED REPAIR CLAMPS	Mid-American Water			Joseph D. Foreman Co.			Ziebell Water Services Products, Inc.		
	Unit Prices			Unit Prices			Unit Prices		
	Size			Size			Size		
	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"	1"	1 - 1/2"	2"
4" x 8" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 156.00	$ 175.00	$ 175.00
4" x 12" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 217.00	$ 236.00	$ 236.00
4" x 15" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 235.00	$ 254.00	$ 254.00
4" x 20" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 331.00	$ 350.00	$ 350.00
4" x 24" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 408.00	$ 427.00	$ 427.00
4" x 30" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	$ 452.00	$ 471.00	$ 471.00
4" x 36" Small (4.74-5.14)	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
4" x 8" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 161.00	$ 180.00	$ 180.00
4" x 12" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 217.00	$ 236.00	$ 236.00
4" x 15" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 241.00	$ 260.00	$ 260.00
4" x 20" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 333.00	$ 352.00	$ 352.00
4" x 24" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 428.00	$ 447.00	$ 447.00
4" x 30" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	$ 476.00	$ 495.00	$ 495.00
4" x 36" **Large** (4.95-5.35)	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
6" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 175.00	$ 194.00	$ 194.00
6" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 253.00	$ 272.00	$ 272.00
6" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 274.00	$ 293.00	$ 293.00
6" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 405.00	$ 424.00	$ 424.00
6" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 495.00	$ 514.00	$ 514.00
6" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 560.00	$ 579.00	$ 579.00
6" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
8" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 197.00	$ 216.00	$ 216.00
8" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 245.00	$ 264.00	$ 264.00
8" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 288.00	$ 307.00	$ 307.00
8" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 324.00	$ 343.00	$ 343.00
8" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 450.00	$ 469.00	$ 469.00
8" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 551.00	$ 570.00	$ 570.00
8" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 644.00	$ 663.00	$ 663.00
8" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
10" x 8"	no quote	no quote	no quote	no quote	no quote	no quote	$ 242.00	$ 261.00	$ 261.00
10" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 305.00	$ 324.00	$ 324.00
10" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 354.00	$ 373.00	$ 373.00
10" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 404.00	$ 423.00	$ 423.00
10" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 539.00	$ 558.00	$ 558.00
10" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 654.00	$ 673.00	$ 673.00
10" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 747.00	$ 766.00	$ 766.00
10" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
12" x 10"	no quote	no quote	no quote	no quote	no quote	no quote	$ 354.00	$ 373.00	$ 373.00
12" x 12"	no quote	no quote	no quote	no quote	no quote	no quote	$ 420.00	$ 439.00	$ 439.00
12" x 15"	no quote	no quote	no quote	no quote	no quote	no quote	$ 471.00	$ 490.00	$ 490.00
12" x 20"	no quote	no quote	no quote	no quote	no quote	no quote	$ 628.00	$ 647.00	$ 647.00
12" x 24"	no quote	no quote	no quote	no quote	no quote	no quote	$ 743.00	$ 762.00	$ 762.00
12" x 30"	no quote	no quote	no quote	no quote	no quote	no quote	$ 864.00	$ 883.00	$ 883.00
12" x 36"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote

BRAND: FORD

STRAIGHT REPAIR CLAMPS	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
4" x 8" Small (4.74-5.14)	$ 82.00	$ 73.40	$ 76.00
4" x 12" Small (4.74-5.14)	$ 99.13	$ 99.10	$ 102.00
4" x 15" Small (4.74-5.14)	$ 113.31	$ 113.30	$ 117.00
4" x 20" Small (4.74-5.14)	$ 186.07	$ 186.88	$ 192.00
4" x 24" Small (4.74-5.14)	$ 210.80	$ 211.70	$ 218.00
4" x 30" Small (4.74-5.14)	$ 245.05	$ 246.10	$ 253.00
4" x 36" Small (4.74-5.14)	$ 410.93	$ 412.70	$ 424.00
4" x 8" **Large** (4.95-5.35)	$ 82.00	$ 73.40	$ 76.00
4" x 12" **Large** (4.95-5.35)	$ 99.13	$ 99.10	$ 102.00
4" x 15" **Large** (4.95-5.35)	$ 113.31	$ 113.30	$ 117.00
4" x 20" **Large** (4.95-5.35)	$ 186.07	$ 186.88	$ 192.00
4" x 24" **Large** (4.95-5.35)	$ 210.80	$ 211.70	$ 218.00
4" x 30" **Large** (4.95-5.35)	$ 245.05	$ 246.10	$ 253.00
4" x 36" **Large** (4.95-5.35)	$ 410.93	$ 412.70	$ 424.00
6" x 8"	$ 83.01	$ 80.80	$ 84.00
6" x 12	$ 115.00	$ 107.00	$ 110.00
6" x 15"	$ 130.72	$ 127.30	$ 131.00
6" x 20"	$ 197.82	$ 198.60	$ 204.00
6 x 24"	$ 229.42	$ 230.40	$ 237.00
6" x 30"	$ 266.35	$ 267.50	$ 275.00
6" x 36"	$ 451.14	$ 453.10	$ 466.00
8" x 8"	$ 91.30	$ 91.80	$ 95.00
8" x 10"	$ 124.99	$ 125.50	$ 129.00
8" x 12"	$ 137.12	$ 137.70	$ 142.00
8" x 15"	$ 145.94	$ 146.50	$ 151.00
8" x 20"	$ 213.64	$ 214.58	$ 221.00
8" x 24"	$ 247.17	$ 248.20	$ 255.00
8" x 30"	$ 347.13	$ 348.60	$ 359.00
8" x 36"	$ 489.42	$ 491.60	$ 505.00
10" x 8"	$ 107.65	$ 108.10	$ 112.00
10" x 10"	$ 137.73	$ 138.30	$ 143.00
10" x 12"	$ 165.83	$ 166.50	$ 172.00
10" x 15"	$ 183.47	$ 184.20	$ 190.00
10" x 20"	$ 249.90	$ 251.00	$ 258.00
10" x 24"	$ 362.07	$ 363.30	$ 374.00
10" x 30"	$ 410.29	$ 412.10	$ 424.00
10" x 36"	$ 593.88	$ 596.50	$ 613.00
12" x 10"	$ 152.68	$ 153.37	$ 158.00

BRAND: FORD

STRAIGHT **REPAIR CLAMPS**	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	**Unit Price**	**Unit Price**
12" x 12"	$ 184.66	$ 185.40	$ 191.00
12" x 15"	$ 208.76	$ 209.60	$ 216.00
12" x 20"	$ 290.91	$ 292.20	$ 301.00
12" x 24"	$ 400.26	$ 402.00	$ 413.00
12" x 30"	$ 454.08	$ 456.10	$ 469.00
12" x 36"	$ 640.97	$ 644.00	$ 661.00

BRAND: SMITH BLAIR

STRAIGHT REPAIR CLAMPS	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
4" x 8" Small (4.74-5.14)	no quote	no quote	$ 74.00
4" x 12" Small (4.74-5.14)	no quote	no quote	$ 113.00
4" x 15" Small (4.74-5.14)	no quote	no quote	$ 125.00
4" x 20" Small (4.74-5.14)	no quote	no quote	$ 188.00
4" x 24" Small (4.74-5.14)	no quote	no quote	$ 241.00
4" x 30" Small (4.74-5.14)	no quote	no quote	$ 249.00
4" x 36" Small (4.74-5.14)	no quote	no quote	no quote
4" x 8" **Large** (4.95-5.35)	no quote	no quote	$ 77.00
4" x 12" **Large** (4.95-5.35)	no quote	no quote	$ 113.00
4" x 15" **Large** (4.95-5.35)	no quote	no quote	$ 113.00
4" x 20" **Large** (4.95-5.35)	no quote	no quote	$ 189.00
4" x 24" **Large** (4.95-5.35)	no quote	no quote	$ 259.00
4" x 30" **Large** (4.95-5.35)	no quote	no quote	$ 281.00
4" x 36" **Large** (4.95-5.35)	no quote	no quote	no quote
6" x 8"	no quote	no quote	$ 86.00
6" x 12	no quote	no quote	$ 137.00
6" x 15"	no quote	no quote	$ 151.00
6" x 20"	no quote	no quote	$ 236.00
6 x 24"	no quote	no quote	$ 295.00
6" x 30"	no quote	no quote	$ 338.00
6" x 36"	no quote	no quote	no quote
8" x 8"	no quote	no quote	$ 100.00
8" x 10"	no quote	no quote	$ 132.00
8" x 12"	no quote	no quote	$ 159.00
8" x 15"	no quote	no quote	$ 183.00
8" x 20"	no quote	no quote	$ 266.00
8" x 24"	no quote	no quote	$ 332.00
8" x 30"	no quote	no quote	$ 393.00
8" x 36"	no quote	no quote	no quote
10" x 8"	no quote	no quote	$ 130.00
10" x 10"	no quote	no quote	$ 171.00
10" x 12"	no quote	no quote	$ 203.00
10" x 15"	no quote	no quote	$ 236.00
10" x 20"	no quote	no quote	$ 324.00
10" x 24"	no quote	no quote	$ 400.00
10" x 30"	no quote	no quote	$ 460.00
10" x 36"	no quote	no quote	no quote
12" x 10"	no quote	no quote	$ 203.00

BRAND: SMITH BLAIR

STRAIGHT **REPAIR CLAMPS**	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	**Unit Price**	**Unit Price**
12" x 12"	no quote	no quote	$ 246.00
12" x 15"	no quote	no quote	$ 280.00
12" x 20"	no quote	no quote	$ 382.00
12" x 24"	no quote	no quote	$ 458.00
12" x 30"	no quote	no quote	$ 537.00
12" x 36"	no quote	no quote	no quote

BRAND: MUELLER

STRAIGHT REPAIR CLAMPS	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
4" x 8" Small (4.74-5.14)	no quote	no quote	$ 112.00
4" x 12" Small (4.74-5.14)	no quote	no quote	$ 173.00
4" x 15" Small (4.74-5.14)	no quote	no quote	$ 191.00
4" x 20" Small (4.74-5.14)	no quote	no quote	$ 287.00
4" x 24" Small (4.74-5.14)	no quote	no quote	$ 364.00
4" x 30" Small (4.74-5.14)	no quote	no quote	$ 408.00
4" x 36" Small (4.74-5.14)	no quote	no quote	no quote
4" x 8" **Large** (4.95-5.35)	no quote	no quote	$ 117.00
4" x 12" **Large** (4.95-5.35)	no quote	no quote	$ 173.00
4" x 15" **Large** (4.95-5.35)	no quote	no quote	$ 197.00
4" x 20" **Large** (4.95-5.35)	no quote	no quote	$ 289.00
4" x 24" **Large** (4.95-5.35)	no quote	no quote	$ 384.00
4" x 30" **Large** (4.95-5.35)	no quote	no quote	$ 432.00
4" x 36" **Large** (4.95-5.35)	no quote	no quote	no quote
6" x 8"	no quote	no quote	$ 131.00
6" x 12	no quote	no quote	$ 209.00
6" x 15"	no quote	no quote	$ 230.00
6" x 20"	no quote	no quote	$ 361.00
6 x 24"	no quote	no quote	$ 451.00
6" x 30"	no quote	no quote	$ 516.00
6" x 36"	no quote	no quote	no quote
8" x 8"	no quote	no quote	$ 153.00
8" x 10"	no quote	no quote	$ 201.00
8" x 12"	no quote	no quote	$ 244.00
8" x 15"	no quote	no quote	$ 280.00
8" x 20"	no quote	no quote	$ 406.00
8" x 24"	no quote	no quote	$ 507.00
8" x 30"	no quote	no quote	$ 600.00
8" x 36"	no quote	no quote	no quote
10" x 8"	no quote	no quote	$ 198.00
10" x 10"	no quote	no quote	$ 261.00
10" x 12"	no quote	no quote	$ 310.00
10" x 15"	no quote	no quote	$ 360.00
10" x 20"	no quote	no quote	$ 495.00
10" x 24"	no quote	no quote	$ 610.00
10" x 30"	no quote	no quote	$ 703.00
10" x 36"	no quote	no quote	no quote
12" x 10"	no quote	no quote	$ 310.00

BRAND: MUELLER

STRAIGHT REPAIR CLAMPS	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
12" x 12"	no quote	no quote	$ 376.00
12" x 15"	no quote	no quote	$ 427.00
12" x 20"	no quote	no quote	$ 584.00
12" x 24"	no quote	no quote	$ 699.00
12" x 30"	no quote	no quote	$ 820.00
12" x 36"	no quote	no quote	no quote

Ductile Iron Water Main Pipe

Pipe Size (Class 52 Push Joint)	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Pipe Price Per Foot	Pipe Price Per Foot	Pipe Price Per Foot
12" X 20'	$ 76.20	$ 69.88	$ 86.00
10" X 20'	$ 60.52	$ 56.29	$ 69.00
8" X 20'	$ 46.10	$ 42.34	$ 52.00
6" X 20'	$ 32.72	$ 30.42	$ 37.00
4" X 20'	$ 43.36	$ 42.81	$ 48.00

Pipe Size (Class 56 Push Joint)	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Pipe Price Per Foot	Pipe Price Per Foot	Pipe Price Per Foot
12" X 20'	$ 111.98	no quote	$ 126.00
10" X 20'	$ 100.00	no quote	$ 101.00
8" X 20'	$ 69.43	no quote	$ 79.00
6" X 20'	$ 49.66	no quote	$ 58.00
4" X 20'	$ 63.67	no quote	$ 72.00

Product Type	FORD			MUELLER		
	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
B-Boxes						
2"	no quote	no quote	no quote	no quote	no quote	$ 121.75
1 1/2	$ 96.05	$ 88.94	no quote	no quote	no quote	$ 69.50
1 1/4"	$ 83.00	$ 70.07	no quote	no quote	no quote	$ 56.91
B-Box Parts						
2" Cap	$ 26.00	no quote	no quote	no quote	no quote	$ 27.00
1-1/2" Cap	$ 17.00	$ 17.08	no quote	no quote	no quote	$ 18.00
1-1/4" Cap	$ 14.00	$ 13.59	no quote	no quote	no quote	$ 14.00
1-1/2" Plugs	$ 15.00	$ 11.18	no quote	no quote	no quote	$ 4.35
1-1/4" Plugs	$ 15.00	$ 7.94	no quote	no quote	no quote	$ 3.80
2" Plugs	no quote	no quote	no quote	no quote	no quote	$ 4.70
Corps						
2" Corps	$ 329.69	$ 322.40	$ 341.00	no quote	no quote	$ 341.00
2" Roundways	$ 481.38	$ 486.08	$ 537.00	no quote	no quote	$ 537.00
90's for 2"	$ 252.52	$ 248.00	$ 255.00	no quote	no quote	$ 255.00
2" Unions	$ 186.99	$ 186.00	$ 202.00	no quote	no quote	$ 202.00
2" 45's	$ 274.89	$ 270.00	$ 277.00	no quote	no quote	$ 277.00
1-1/2" Corps	$ 187.12	$ 184.60	$ 195.00	no quote	no quote	$ 195.00
1-1/2" Roundways	$ 295.37	$ 300.40	$ 329.00	no quote	no quote	$ 329.00
90's for 1-1/2"	$ 170.35	$ 141.50	$ 146.00	no quote	no quote	$ 146.00
45's for 1-1/2"	$ 194.19	$ 190.78	$ 196.00	no quote	no quote	$ 196.00
1-1/2" Unions	$ 118.71	$ 114.60	$ 124.00	no quote	no quote	$ 124.00
1-1/4" Corps	$ 179.40	$ 176.20	$ 181.00	no quote	no quote	$ 181.00
1-1/4" Roundways	$ 209.70	$ 213.20	$ 219.00	no quote	no quote	$ 219.00
90's for 1-1/4"	no quote	no quote	no quote	no quote	no quote	no quote
1-1/4" Unions	$ 87.22	$ 78.30	$ 84.00	no quote	no quote	$ 84.00
1" Corps	$ 65.57	$ 60.15	$ 82.00	no quote	no quote	$ 82.00
1" Roundways	$ 123.22	$ 127.85	$ 139.00	no quote	no quote	$ 139.00
90's for 1"	$ 53.96	$ 48.35	$ 50.00	no quote	no quote	$ 50.00
1" Unions	$ 41.10	$ 38.15	$ 41.00	no quote	no quote	$ 41.00
3/4" Corps	$ 67.82	$ 39.35	$ 64.00	no quote	no quote	$ 64.00
3/4" Roundways	$ 89.20	$ 94.75	$ 104.00	no quote	no quote	$ 104.00
90's for 3/4"	$ 38.23	$ 34.25	$ 50.00	no quote	no quote	$ 50.00
3/4" Unions	$ 25.35	$ 21.80	$ 36.00	no quote	no quote	$ 36.00

VALVES	MUELLER/AFC		
	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
8" MJ to MJ Gate	$ 1,785.00	no quote	$ 1,903.00
6" MJ to MJ Gate	$ 1,123.04	no quote	$ 1,196.00
10" MJ to MJ Gate	$ 2,785.87	no quote	$ 2,967.00
8" MJ to Flange	$ 1,754.40	no quote	$ 1,915.00
6" MJ to Flange	$ 1,123.04	no quote	$ 1,202.00
8" Flange to Flange	$ 1,821.37	no quote	$ 1,939.00
6" Flange to Flange	$ 1,165.40	no quote	$ 1,241.00
6" Alpha	$ 1,355.04	no quote	$ 1,366.00
8" Alpha	$ 1,992.23	no quote	$ 2,093.00
10" Alpha	$ 3,088.27	no quote	$ 3,247.00
12" Alpha	$ 3,892.11	no quote	$ 4,094.00

WATER SERVICE LINES - 1.5" diameter (Copper - Type K)					
Mid-American Water		**Joseph D. Foreman Co.**		**Ziebell Water Services Products, Inc.**	
Unit Price (per 100 foot roll)	**Manufacturer**	**Unit Price (per 100 foot roll)**	**Manufacturer**	**Unit Price (per 100 foot roll)**	**Manufacturer**
per request		$ 25.54	-	$ 2,569.00	Mueller Streamline

HYDRANTS (5.5' bury hydrant with auxiliary valve)			
Waterous WB-67-250	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	**Unit Price**	**Unit Price**
	$ 4,190.22	no quote	$ 5,964.00
Mueller	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	**Unit Price**	**Unit Price**
	no quote	no quote	$ 5,592.00

HYDRANT PARTS	WATEROUS			MUELLER		
	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Stem WB67 #72 5.5' Lower Rod	$ 310.80	no quote	$ 420.00	no quote	no quote	no quote
Seat WB67 #31	$ 317.52	no quote	$ 429.00	no quote	no quote	no quote
Port WB67 #12 2.5' Hose Nozzle	$ 137.76	no quote	$ 186.00	no quote	no quote	no quote
Port Cap WB67 #10 2.5" Hose Cap W/GSKT	$ 103.60	no quote	$ 140.00	no quote	no quote	no quote
Stem Coupling WB67 #67 Coupling Sleeve Cast	$ 24.18	no quote	$ 54.00	no quote	no quote	no quote
Operating Nut WB67 #17A Lower Oper Nut	$ 86.24	no quote	$ 77.00	no quote	no quote	no quote
5/8-11x3 HHCS Stainless Steel	$ 20.16	no quote	$ 6.00	no quote	no quote	no quote
5/8-11 x 3-1/2 HHCS Stainless Steel	$ 20.16	no quote	$ 6.50	no quote	no quote	no quote
Break Away Kit WB67 Break Flange Kit AFT80	$ 414.73	no quote	$ 529.00	no quote	no quote	no quote
Stem A31 5'6" Lower Stem	no quote	no quote	$ 529.00	no quote	no quote	$ 307.00
Seat A43 5-1/4 Bronze Seat Ring	no quote	no quote	no quote	no quote	no quote	$ 510.00
Port A18 2-1/2 NST Hoze Nozzle	no quote	no quote	no quote	no quote	no quote	**$ 133.00**
Port Cap A21 2-1/2 Hose Cap 1.5PN	no quote	no quote	no quote	no quote	no quote	$ 138.00
Stem Coupling A25 Safety Coupling	no quote	no quote	no quote	no quote	no quote	$ 140.00
Operating Nut A11 5-1/4 UP STM 27-9/16	no quote	no quote	no quote	no quote	no quote	$ 325.00
5/8-11x3 HHCS Stainless Steel	no quote	no quote	no quote	no quote	no quote	$ 6.00
5/8-11 x 3-1/2 HHCS Stainless Steel	no quote	no quote	no quote	no quote	no quote	$ 6.50
Break Away Kit A301 Break Kit	no quote	no quote	no quote	no quote	no quote	$ 440.00

ALL NON-SHEAR COUPLINGS

Size	Material: PL X PL			Material: CLAY X PL			Material: DI X PL		
	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
4" X 4"	$ 20.77	$ 26.00	$ 29.00	$ 29.25	$ 37.00	$ 84.00	$ 31.10	$ 37.00	$ 42.00
4" X 6"	$ 48.22	$ 62.00	$ 71.00	$ 48.19	$ 91.00	$ 68.00	$ 48.82	$ 59.00	$ 68.00
4" X 8"	$ 99.10	no quote	$ 152.00	$ 113.12	no quote	$ 171.00	$ 115.18	no quote	$ 171.00
6" X 6"	$ 39.18	$ 49.00	$ 55.00	$ 52.12	$ 62.00	$ 72.00	$ 46.10	$ 48.00	$ 55.00
6" X 8"	$ 82.10	$ 109.00	$ 124.00	$ 89.22	$ 78.00	$ 130.00	$ 95.00	no quote	$ 141.00
6" X 10"	$ 95.82	no quote	$ 149.00	$ 139.10	no quote	$ 222.00	no quote	no quote	no quote
8" X 8"	$ 62.13	$ 71.00	$ 81.00	$ 65.10	$ 71.00	$ 81.00	$ 65.10	$ 72.00	$ 81.00
8" X 10"	$ 92.10	no quote	$ 142.00	$ 152.22	no quote	$ 203.00	$ 113.21	no quote	$ 158.00
8" X 12"	$ 139.88	no quote	$ 220.00	$ 155.12	no quote	$ 243.00	no quote	no quote	no quote
10" X 10	$ 69.69	$ 93.00	$ 106.00	$ 76.12	$ 93.00	$ 106.00	$ 82.10	$ 113.00	$ 129.00
10" X 12"	$ 115.10	no quote	$ 171.00	$ 88.15	no quote	$ 129.00	$ 138.12	no quote	$ 204.00
10" X 15"	$ 212.85	no quote	$ 335.00	$ 185.00	no quote	no quote	$ 217.16	no quote	$ 335.00
12" X 12"	$ 95.08	$ 113.00	$ 129.00	$ 92.92	$ 113.00	$ 129.00	$ 107.12	$ 142.00	$ 161.00
12" X 15"	$ 244.00	no quote	$ 345.00	$ 238.12	no quote	$ 381.00	$ 192.00	no quote	$ 283.00
12" X 18"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
15" X 15"	$ 158.22	$ 193.00	$ 221.00	$ 175.12	$ 215.00	$ 244.00	$ 234.00	no quote	$ 330.00

ALL NON-SHEAR COUPLINGS

Size	Material: DI X DI			Material: CLAY X CLAY			Material: CONCRETE X PL		
	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
4" X 4"	$ 26.17	$ 25.00	$ 29.00	$ 26.17	$ 26.00	$ 29.00	$ 33.01	$ 37.00	$ 42.00
4" X 6"	$ 49.10	no quote	$ 70.00	$ 52.00	no quote	$ 64.00	$ 68.10	no quote	$ 86.00
4" X 8"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
6" X 6"	$ 42.52	$ 48.00	$ 55.00	$ 42.52	$ 48.00	$ 55.00	$ 69.69	$ 73.00	$ 84.00
6" X 8"	$ 89.22	no quote	$ 126.00	$ 68.42	no quote	$ 77.00	$ 112.10	no quote	$ 159.00
6" X 10"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
8" X 8"	$ 58.19	$ 72.00	$ 81.00	$ 58.19	$ 72.00	$ 81.00	$ 106.25	$ 93.00	$ 153.00
8" X 10"	$ 125.00	no quote	$ 190.00	$ 125.18	no quote	$ 168.00	no quote	no quote	no quote
8" X 12"	$ 172.00	no quote	$ 257.00	no quote	no quote	no quote	no quote	no quote	no quote
10" X 10	$ 69.10	$ 93.00	$ 106.00	$ 69.10	$ 93.00	$ 106.00	$ 132.00	$ 115.00	$ 129.00
10" X 12"	$ 152.22	no quote	$ 214.00	no quote	no quote	no quote	no quote	no quote	$ 311.00
10" X 15"	no quote	no quote	no quote	no quote	no quote	$ 332.00	no quote	no quote	$ 335.00
12" X 12"	$ 98.25	$ 114.00	$ 129.00	$ 98.25	$ 114.00	$ 129.00	$ 128.00	$ 161.00	$ 182.00
12" X 15"	$ 385.00	no quote	$ 522.00	$ 179.32	no quote	$ 258.00	no quote	no quote	no quote
12" X 18"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote	no quote
15" X 15"	$ 218.00	no quote	$ 312.00	$ 179.32	$ 227.00	$ 258.00	$ 376.00	$ 438.00	$ 497.00

MAX ADAPTOR COUPLINGS			
Size	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
4"	$ 100.10	no quote	$ 85.00
6"	$ 142.00	no quote	$ 126.00
8"	$ 177.00	no quote	$ 166.00
10"	$ 218.00	no quote	$ 208.00
12"	$ 275.00	no quote	$ 241.00

PVC PIPE									
Pipe Size	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	SDR26			SDR35			SCH 40		
	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)	Unit Price (per foot)
2"	no quote	no quote	no quote	no quote	no quote	no quote	no quote	$ 1.90	no quote
4"	$ 2.99	$ 2.86	$ 4.14	$ 2.05	$ 2.02	$ 3.02	$ 5.10	$ 3.00	no quote
6"	$ 7.10	$ 6.10	$ 9.23	$ 5.42	$ 4.58	$ 6.95	$ 8.50	$ 6.08	no quote
8"	$ 11.12	$ 11.02	$ 16.70	$ 8.38	$ 8.30	$ 12.60	no quote	no quote	no quote
10"	$ 17.31	$ 17.17	$ 26.01	$ 13.05	$ 12.94	$ 19.62	no quote	no quote	no quote
12"	$ 24.86	$ 24.65	$ 35.05	$ 18.77	$ 18.61	$ 26.46	no quote	no quote	no quote
15"	$ 37.05	$ 37.10	$ 52.65	$ 27.74	$ 27.52	$ 39.06	no quote	no quote	no quote
18"	$ 41.30	no quote	$ 81.90	no quote	no quote	$ 61.20	no quote	no quote	no quote
24"	$ 59.82	no quote	$ 144.90	no quote	no quote	$ 108.90	no quote	no quote	no quote

HYDROPLUG			
5 Minute Hydroplug - 5 Gallon Bucket (each)	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	Unit Price	Unit Price
	$ 40.00	$ 48.00	$ 65.00

ADJUSTING RINGS			
Item (each)	Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
	Unit Price	Unit Price	Unit Price
2" Concrete	$ 34.37	$ 34.00	no quote
3" Concrete	$ 36.87	$ 39.00	no quote
4" Concrete	$ 41.25	$ 47.00	no quote
5" Concrete	no quote	no quote	no quote
6" Concrete	$ 45.62	$ 52.00	no quote
8" Concrete	no quote	no quote	no quote
Ring Mastic	$ 16.22	no quote	no quote

ADJUSTING RINGS - CRETEX PRO RING OR EQUIVALENT				
Size		Mid-American Water	Joseph D. Foreman Co.	Ziebell Water Services Products, Inc.
		Unit Price	Unit Price	Unit Price
3/4"	24"ID x 36"OD	no quote	no quote	no quote
1"	24"ID x 36"OD	$ 45.90	no quote	no quote
1-1/2"	24"ID x 36"OD	no quote	no quote	no quote
2"	24"ID x 36"OD	$ 80.33	no quote	no quote
2-1/2"	24"ID x 36"OD	no quote	no quote	no quote
3"	24"ID x 36"OD	no quote	no quote	no quote
4"	24"ID x 36"OD	$ 117.50	no quote	no quote
5"	24"ID x 36"OD	no quote	no quote	no quote
6"	24"ID x 36"OD	$ 154.83	no quote	no quote
8"	24"ID x 36"OD	no quote	no quote	no quote

RAPID SET ADHESIVE		
Mid-American Water	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
Unit Price	Unit Price	Unit Price
$ 30.00	no quote	no quote

CONCRETE INLETS			
Size	**Mid-American Water**	**Joseph D. Foreman Co.**	**Ziebell Water Services Products, Inc.**
	Unit Price	Unit Price	Unit Price
24"D x 24"H	$ 212.75	no quote	no quote
24"D x 36"H	no quote	no quote	no quote
24"D x 48"H	no quote	no quote	no quote

March 19, 2026

REQUEST FOR QUOTATION (*"REQUEST"*)- DUE DATE: APRIL 2, 2026

The Village of Northbrook (***"Village"***) is accepting bids for **WATER & SEWER SYSTEM PARTS** for performing maintenance activities to the water distribution system and sewer system.

Responses Due: 10:00 A.M. on April 2, 2026 (bid opening to occur immediately afterward)

Contract Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor(s) (***"Vendors"***) shall provide the materials identified on pages 4 – 11 below as-needed to the Village.

Overview: The Village intends to bid water and sewer system parts, including, but not limited to, main, pipe, valves, fittings, sleeves, hydrants, hydrant parts, etc.

Deliverables: The deliverables for this project shall be water and sewer system parts, including, but not limited to, main, pipe, valves, fittings, sleeves, hydrants, couplings, brass parts, etc. A specific list of which is provided under the Schedule of Prices section of this Request for Quotation.

Orders: The Village will place orders for water and sewer system parts by calling one of the Vendor's order-taking representatives, not an automated order-taking system, and verbally listing for the representative the items the Village desires to purchase. The Vendor shall make order-taking representatives available to the Village so that it may place orders on a 24-hour-per-day, 365-day-per- year basis.

After Hours Availability Contact:

- Name: Eric Lowe
- Phone Number: 847-345-7388
- Email Address: EricLowe@MidAmericanWater.com

Deliveries: All orders placed by the Village of Northbrook shall be delivered to:

Village of Northbrook
Public Works Department
655 Huehl Road
Northbrook, IL 60062

Response Time: For normal non-emergency orders, the Vendor shall deliver the

items ordered by a Village within five business days. If the Vendor has difficulty obtaining an item to fill the Village's normal non- emergency order and thus cannot deliver the item within five business days, the Vendor shall contact the Village before the expiration of the five business days to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's deliver estimate does not meet the Village's operational requirements.

For emergency orders, the Vendor shall deliver the items ordered by the Village within one business day. If the Vendor has difficulty obtaining an item to fill the Village's emergency order and thus cannot deliver the item within one business day, the Vendor shall contact the Village before the expiration of the one business day to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's delivery estimate does not meet the Village's operational requirements.

Warranty: The Vendor warrants to the Village that all materials furnished under this Contract shall be new, of the most suitable grade for the purpose intended, free from faults and defects, and in conformance with the requirements of this Request for Quotations. On delivery of water and sewer system parts to the Village, the Vendor shall provide the Village documentation of all warranties to which the Village is entitled from the parts' manufacturers, distributors, suppliers, etc.

The Village making a final payment for materials provided by the Vendor under this Request for Quotations shall not relieve the Vendor or its sureties of liability with respect to any warranties or responsibilities for faulty or defective materials.

Manufacturers listed in the Schedule of Prices are approved by the Village and are required to meet the Village's engineering standards. Substitutions of manufacturers will not be permitted.

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder. The Village also reserves the right to award contracts to multiple vendors in order to maintain flexibility in purchasing products based on operational needs, availability, and/or delivery timelines.

Questions: Scott Hodge, Water Distribution Supervisor at (847) 664-4116.

Please remit quotation no later than 10:00 A.M. local time, April 2, 2026, to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst. Clearly mark remitting quotation **"SEALED QUOTE – WATER & SEWER SYSTEM PARTS"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, April 2, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

Mid American Water — 4/2/26

VENDOR NAME — DATE

1125 N. Old Rand Rd. Wauconda, IL 60084

ADDRESS

Eric Lowe — [signature]

CONTACT PERSON — SIGNATURE

847-345-7388 — —

PHONE — FAX

EricLowe@MidAmericanWater.com

E-MAIL

PARTS KEPT IN STOCK:

All parts — stocking distributor

Terms and Conditions

PAYMENT TERMS

A. Basis for Determining Prices

1) All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change for the contract duration (May 1, 2026 – April 30, 2027);

2) Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released;

3) All other applicable federal, state, and local taxes of every kind and nature applicable to the Scope are included in the Schedule of Prices;

4) Payment terms shall be net thirty (30) days from receipt and approval of an invoice; and

5) Bidder has thoroughly examined this Request for Quotations prior to submission of its bid.

B. Time of Payment

1) Pursuant to the Local Government Prompt Payment Act (50 ILCS 505/), the Village is required to approve or disapprove a bill from a vendor or contractor for goods or services furnished to the local governmental agency within 30 days after the receipt of such bill or within 30 days after the date on which the goods or services were received, whichever is later. If one or more items on a bill or invoice are disapproved, but not the entire bill or invoice, then the portion that is not disapproved shall be paid. Any bill approved for payment pursuant to Section 3 (50 ILCS 505/3) shall be paid within 30 days after the date of approval.

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement
- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement
- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement
- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.

- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

   b) Employer's Liability:
   $500,000 ea. accident-injury
   $500,000 ea. employee-disease
   $500,000 disease-policy

   Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:

- Broad Form Property Damage Endorsement.
- Independent Contractors.
- Personal Injury (with Employment Exclusion deleted).
- "X," "C," and "U" exclusions shall be limited.
- Contractual Liability.
- All employees shall be included as insureds.
- Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

northbrook

PUBLIC WORKS DEPARTMENT

March 19, 2026

REQUEST FOR QUOTATION (*"REQUEST"*)- DUE DATE: APRIL 2, 2026

The Village of Northbrook (***"Village"***) is accepting bids for **WATER & SEWER SYSTEM PARTS** for performing maintenance activities to the water distribution system and sewer system.

Responses Due: 10:00 A.M. on April 2, 2026 (bid opening to occur immediately afterward)

Contract Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor(s) (***"Vendors"***) shall provide the materials identified on pages 4 – 11 below as-needed to the Village.

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Deliverables: The deliverables for this project shall be water and sewer system parts, including, but not limited to, main, pipe, valves, fittings, sleeves, hydrants, couplings, brass parts, etc. A specific list of which is provided under the Schedule of Prices section of this Request for Quotation.

Orders: The Village will place orders for water and sewer system parts by calling one of the Vendor's order-taking representatives, not an automated order-taking system, and verbally listing for the representative the items the Village desires to purchase. The Vendor shall make order-taking representatives available to the Village so that it may place orders on a 24-hour-per-day, 365-day-per- year basis.

After Hours Availability Contact:

- Name: Matt Marasco
- Phone Number: (847)774-2506
- Email Address: matthew0418@att.net

Deliveries: All orders placed by the Village of Northbrook shall be delivered to:

Village of Northbrook
Public Works Department
655 Huehl Road
Northbrook, IL 60062

Response Time: For normal non-emergency orders, the Vendor shall deliver the

items ordered by a Village within five business days. If the Vendor has difficulty obtaining an item to fill the Village's normal non- emergency order and thus cannot deliver the item within five business days, the Vendor shall contact the Village before the expiration of the five business days to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's deliver estimate does not meet the Village's operational requirements.

For emergency orders, the Vendor shall deliver the items ordered by the Village within one business day. If the Vendor has difficulty obtaining an item to fill the Village's emergency order and thus cannot deliver the item within one business day, the Vendor shall contact the Village before the expiration of the one business day to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's delivery estimate does not meet the Village's operational requirements.

Warranty: The Vendor warrants to the Village that all materials furnished under this Contract shall be new, of the most suitable grade for the purpose intended, free from faults and defects, and in conformance with the requirements of this Request for Quotations. On delivery of water and sewer system parts to the Village, the Vendor shall provide the Village documentation of all warranties to which the Village is entitled from the parts' manufacturers, distributors, suppliers, etc.

The Village making a final payment for materials provided by the Vendor under this Request for Quotations shall not relieve the Vendor or its sureties of liability with respect to any warranties or responsibilities for faulty or defective materials.

Manufacturers listed in the Schedule of Prices are approved by the Village and are required to meet the Village's engineering standards. Substitutions of manufacturers will not be permitted.

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder. The Village also reserves the right to award contracts to multiple vendors in order to maintain flexibility in purchasing products based on operational needs, availability, and/or delivery timelines.

Questions: Scott Hodge, Water Distribution Supervisor at (847) 664-4116.

Please remit quotation no later than 10:00 A.M. local time, April 2, 2026, to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst. Clearly mark remitting quotation **"SEALED QUOTE – WATER & SEWER SYSTEM PARTS"** and be sure quotation is signed by authorized representative. ***NO FAXED OR EMAILED BIDS WILL BE ACCEPTED***. Bids shall be publicly read on Thursday, April 2, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

Joseph D Foreman Co.	3/30/26
VENDOR NAME	DATE
28102 W. Industrial Ave, Lake Barrington, Il	
ADDRESS	
Matt Marasco	
CONTACT PERSON	SIGNATURE
(847)382-7310	(847)382-4073
PHONE	FAX
matthew0418@att.net	
E-MAIL	

PARTS KEPT IN STOCK:

Sewer & Water

Terms and Conditions

PAYMENT TERMS

A. Basis for Determining Prices

1) All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change for the contract duration (May 1, 2026 – April 30, 2027);

2) Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released;

3) All other applicable federal, state, and local taxes of every kind and nature applicable to the Scope are included in the Schedule of Prices;
4) Payment terms shall be net thirty (30) days from receipt and approval of an invoice; and

5) Bidder has thoroughly examined this Request for Quotations prior to submission of its bid.

B. Time of Payment

1) Pursuant to the Local Government Prompt Payment Act (50 ILCS 505/), the Village is required to approve or disapprove a bill from a vendor or contractor for goods or services furnished to the local governmental agency within 30 days after the receipt of such bill or within 30 days after the date on which the goods or services were received, whichever is later. If one or more items on a bill or invoice are disapproved, but not the entire bill or invoice, then the portion that is not disapproved shall be paid. Any bill approved for payment pursuant to Section 3 (50 ILCS 505/3) shall be paid within 30 days after the date of approval.

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement

- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement

- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement

- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.

- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors ***delivering*** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

   b) Employer's Liability:
   $500,000 ea. accident-injury
   $500,000 ea. employee-disease
   $500,000 disease-policy

   Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:

- Broad Form Property Damage Endorsement.
- Independent Contractors.
- Personal Injury (with Employment Exclusion deleted).
- "X," "C," and "U" exclusions shall be limited.
- Contractual Liability.
- All employees shall be included as insureds.
- Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

northbrook

PUBLIC WORKS DEPARTMENT

March 19, 2026

REQUEST FOR QUOTATION ("REQUEST")- DUE DATE: APRIL 2, 2026

The Village of Northbrook (**"Village"**) is accepting bids for **WATER & SEWER SYSTEM PARTS** for performing maintenance activities to the water distribution system and sewer system.

Responses Due: 10:00 A.M. on April 2, 2026 (bid opening to occur immediately afterward)

Contract Duration: May 1, 2026 through April 30, 2027.

Scope: The preferred vendor(s) (**"Vendors"**) shall provide the materials identified on pages 4 – 11 below as-needed to the Village.

Overview: The Village intends to bid water and sewer system parts, including, but not limited to, main, pipe, valves, fittings, sleeves, hydrants, hydrant parts, etc.

Deliverables: The deliverables for this project shall be water and sewer system parts, including, but not limited to, main, pipe, valves, fittings, sleeves, hydrants, couplings, brass parts, etc. A specific list of which is provided under the Schedule of Prices section of this Request for Quotation.

Orders: The Village will place orders for water and sewer system parts by calling one of the Vendor's order-taking representatives, not an automated order-taking system, and verbally listing for the representative the items the Village desires to purchase. The Vendor shall make order-taking representatives available to the Village so that it may place orders on a 24-hour-per-day, 365-day-per- year basis.

After Hours Availability Contact:

- Name: Aris Halikias
- Phone Number: 847-980-3181
- Email Address: ahalikias@ziebellproducts.com

Deliveries: All orders placed by the Village of Northbrook shall be delivered to:

Village of Northbrook
Public Works Department
655 Huehl Road
Northbrook, IL 60062

Response Time: For normal non-emergency orders, the Vendor shall deliver the

items ordered by a Village within five business days. If the Vendor has difficulty obtaining an item to fill the Village's normal non- emergency order and thus cannot deliver the item within five business days, the Vendor shall contact the Village before the expiration of the five business days to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's deliver estimate does not meet the Village's operational requirements.

For emergency orders, the Vendor shall deliver the items ordered by the Village within one business day. If the Vendor has difficulty obtaining an item to fill the Village's emergency order and thus cannot deliver the item within one business day, the Vendor shall contact the Village before the expiration of the one business day to provide the Village an estimate of when the Vendor will be able to deliver the item. The Village shall have the right to obtain the item from another vendor if the Vendor's delivery estimate does not meet the Village's operational requirements.

Warranty: The Vendor warrants to the Village that all materials furnished under this Contract shall be new, of the most suitable grade for the purpose intended, free from faults and defects, and in conformance with the requirements of this Request for Quotations. On delivery of water and sewer system parts to the Village, the Vendor shall provide the Village documentation of all warranties to which the Village is entitled from the parts' manufacturers, distributors, suppliers, etc.

The Village making a final payment for materials provided by the Vendor under this Request for Quotations shall not relieve the Vendor or its sureties of liability with respect to any warranties or responsibilities for faulty or defective materials.

Manufacturers listed in the Schedule of Prices are approved by the Village and are required to meet the Village's engineering standards. Substitutions of manufacturers will not be permitted.

Note to Bidders: The Village reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Request, and that all claims or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released by bidder. The Village also reserves the right to award contracts to multiple vendors in order to maintain flexibility in purchasing products based on operational needs, availability, and/or delivery timelines.

Questions: Scott Hodge, Water Distribution Supervisor at (847) 664-4116.

Please remit quotation no later than 10:00 A.M. local time, April 2, 2026, to 655 Huehl Road, Northbrook, Illinois 60062, Attention: Jean Paul Soens, Management Analyst. Clearly mark remitting quotation **"SEALED QUOTE – WATER & SEWER SYSTEM PARTS"** and be sure quotation is signed by authorized representative. **NO FAXED OR EMAILED BIDS WILL BE ACCEPTED**. Bids shall be publicly read on Thursday, April 2, 2026 at 10:00 A.M. at 655 Huehl Road, Northbrook, IL.

Bids submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Vendor. The final award of a contract is in the sole discretion of the Village Board of Trustees. Issuance of this Request does not obligate the Village to pay any costs incurred by a Vendor in its submission of a bid or making any necessary studies or designs for the preparation of that bid, or for procuring or contracting for the services to be furnished under this Request.

The Village reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Village and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for quotation process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Vendors should not rely upon, or anticipate, such waivers in submitting their bid.

Upon acceptance of the successful Vendor's bid by the Village, the successful Vendor's bid, together with Village's notification of acceptance, shall become the contract for the Materials. Final acceptance and approval of the contract will be at the discretion of the Village Board of Trustees.

ZIEBELL WATER SERVICE PRODUCTS, INC — April 2, 2026

VENDOR NAME — DATE

1405 W. Fullerton Ave, Addison IL 60101

ADDRESS

Aris Halikias —

CONTACT PERSON — SIGNATURE

847-364-0670

PHONE — FAX

ahalikias@ziebellproducts.com

E-MAIL

PARTS KEPT IN STOCK:

Terms and Conditions

PAYMENT TERMS

A. Basis for Determining Prices

1) All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change for the contract duration (May 1, 2026 – April 30, 2027);

2) Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released;

3) All other applicable federal, state, and local taxes of every kind and nature applicable to the Scope are included in the Schedule of Prices;
4) Payment terms shall be net thirty (30) days from receipt and approval of an invoice; and

5) Bidder has thoroughly examined this Request for Quotations prior to submission of its bid.

B. Time of Payment

1) Pursuant to the Local Government Prompt Payment Act (50 ILCS 505/), the Village is required to approve or disapprove a bill from a vendor or contractor for goods or services furnished to the local governmental agency within 30 days after the receipt of such bill or within 30 days after the date on which the goods or services were received, whichever is later. If one or more items on a bill or invoice are disapproved, but not the entire bill or invoice, then the portion that is not disapproved shall be paid. Any bill approved for payment pursuant to Section 3 (50 ILCS 505/3) shall be paid within 30 days after the date of approval.

CONFLICT OF INTEREST

It shall be a breach of ethical standards for any Village employee to participate directly or indirectly in procurement when the employee knows that:

- The Village employee or any employee's family member* has financial interest pertaining to the procurement

- A business or organization in which the Village employee, or any employee's family member, has a financial interest pertaining to the procurement

- Any other person, business, or organization with which the Village employee or any employee's family member is negotiating or has an arrangement concerning prospective employment is involved in the procurement

- Village Employees who violate this standard will be subject to disciple in accordance with applicable State, County and Village codes.

- Upon discovery of an actual or potential conflict of interest, a Village employee shall promptly disqualify themselves and withdraw from further participation in the transaction involved.

*Family member means a spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouse Village of Northbrook.

INSURANCE

Vendors **delivering** materials to a facility of the Village of Northbrook or its worksites shall meet the following requirements:

A. Insurance. If this Request is accepted, Vendor proposes and agrees, that Vendor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Request. Such policies shall be in a form, and from companies, acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Vendor's duty to carry adequate insurance or on Vendor's liability for losses or damages under this Request. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the and work or services on behalf of the Village are as follows:

1. Workers' Compensation and Employer's Liability with limits not be less than:

   a.) Workers' Compensation: Statutory

   b) Employer's Liability:
   $500,000 ea. accident-injury
   $500,000 ea. employee-disease
   $500,000 disease-policy

   Such insurance shall evidence that coverage applies to the State of Illinois.

2. Business Automobile Liability with a combined single limit of liability for bodily injury and property damage of not less $1,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

3. Commercial General Liability with coverage written on an "occurrence" basis and with limits no less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence basis":

   Coverages shall include:

- Broad Form Property Damage Endorsement.
- Independent Contractors.
- Personal Injury (with Employment Exclusion deleted).
- "X," "C," and "U" exclusions shall be limited.
- Contractual Liability.
- All employees shall be included as insureds.
- Contractual Liability shall specifically include the indemnification set forth below.

4. Umbrella Liability.

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2 and 3 above.

5. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, Professional Liability and Business Automobile Liability.

   Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions.)

6. Other Parties as Additional Insureds. In addition to the Owner, the following parties shall be named as additional insureds on the following policies

Additional Insured	Policy or Policies
_____	_____
_____	_____

INDEMNIFICATION. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with the Vendor's performance.

PENALTIES. If this Request is accepted, Vendor proposes, and agrees, that Vendor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Vendor's performance of, or failure to perform, the work or services contemplated in this Request or any part thereof.

NON-EXCLUSIVE BID: This bid may be awarded to multiple bidders and is non-exclusive.

INSPECTION/TESTING/REJECTION The Village shall have the right to inspect all or any part of the Materials and to reject all or any part of the Material that is, in the Village's judgment, defective or damaged or that in any way fails to confirm strictly to the requirements of this Request for Quotation and the Village, without limiting its other rights or remedies, may require correction or replacement at Vendor's cost, replace or cause to be replaced all Material necessary to complete or correct all or any part of the Material that is defective, damaged, or nonconforming and charge vendor with any excess cost incurred thereby, or cancel all or any part of any order or this Request for Quotations. Material so rejected may be returned or held at Bidder's expense and risk.

COMPLIANCE WITH LAWS Vendor agrees to be bound by all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Approving a Contract for the 2026 Sidewalk Replacement Program with Schroeder & Schroeder, Inc. of Skokie, Illinois

Overview
The Village systematically surveys public sidewalks and programs areas for sidewalk section replacement including sections of sidewalk that have failed, as well as to install Americans with Disabilities Act (ADA) required ramps and tactile plates at intersections.

Fiscal Impact
The base bid for this project is $447,700 based on estimated quantities. Staff recommends including a 10% contingency in the amount of $44,000 for unforeseen conditions and to address any other sidewalk adjacent to the project area, for a total not to exceed spending authority of $491,700. Funds for this work have been included in the adopted Fiscal Year 2026-2027 Budget in the Capital Infrastructure Fund Account No. 40-7400-722-02 (Sidewalk Construction).

Account Name	Account Number	Budget	Available	Requested	Remaining	Within Budget?
Sidewalk Construction	40-7400-722-02	$887,801	$887,801	$491,700	$396,101	Yes

Recommendation
Approval.

Background
In February 2026, staff assembled bid packages for the 2026 Sidewalk Replacement Program informed by the Five-Year Capital Improvement Plan (CIP). The areas identified for sidewalk work are included as supplemental information. These areas include the Northbrook Highlands, Northfield Acres and Walters subdivisions (neighborhood sidewalks) and Waukegan Road (arterial sidewalks). The bid document requested separate pricing for neighborhood and arterial sidewalk work to account for extra traffic control effort. The bid package was advertised and made available for purchase on February 5, 2026 on a digital project bidding platform. Five bid packages were purchased and three (3) bids were received and opened on Thursday, February 26, 2026. The bids are summarized below in Table 1.

Table 1 - Summary of Bids	
Contractor Bid	**Total**
Schroeder and Schroeder Concrete	$447,700
Strada Construction Company	$450,750
Globe Construction, Inc.	$542,975

Staff determined that Schroeder & Schroeder, Inc. of Skokie, Illinois (the “Contractor”) submitted the lowest, most responsive bid. The Contractor has been the Village’s contractor for sidewalk work under previous contracts, and staff is confident that the Contractor can successfully complete the work as specified. Staff recommends Village Board approval of a Resolution approving a contract with Schroeder & Schroeder, Inc. of Skokie, Illinois in the not to exceed amount of $491,700 for the 2026 Sidewalk Replacement project.

The Village of Northbrook systematically surveys public sidewalks to identify defective and deteriorated sections that may potentially create a hazard. Tree roots that encroach sections of sidewalk, winter freeze/thaw cycles and de-icing materials are the primary cause of sidewalk deterioration. In addition to the replacement of failed sidewalk squares, the Village also installs Americans with Disabilities Act (ADA) required ramps at intersections and replaces select curbs adjacent to the sidewalks.

Beginning in Fiscal Year 2019/20, the Village has dedicated funding toward the removal and replacement of sidewalk on arterial roadways (non-Village owned streets) in the Village. Sidewalk replacement on higher traffic volume arterial roadways is important to maintaining an accessible network for bicyclists and pedestrians as outlined in the Master Bicycle and Pedestrian Plan. This work requires that the contractor provide additional traffic control and protection to ensure motorists can safely navigate around sidewalk construction equipment and vehicles making replacements along these roads, that are often owned and maintained by other agencies, more expensive.

Staff will be present at the Village Board meeting to address any questions that may arise.

A Resolution Approving a Contract for the 2026 Sidewalk Replacement Program with Schroeder & Schroeder, Inc. of Skokie, Illinois
Exhibit A - Contract for 2026 Sidewalk Replacement Program
Supplemental Information - Project Location Maps

Resolution 2026- _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving a Contract for the 2026 Sidewalk Replacement Program with Schroeder & Schroeder, Inc. of Skokie, Illinois

is hereby adopted, as follows:

Section 1. Recitals.

The Village's Recommended Fiscal Year 2026/27 Recommended Budget provides for continuation of the Village's sidewalk removal and replacement program, which also includes installation of Americans with Disabilities Act (ADA) handicap ramps at certain intersections, curb replacement, and related Village sidewalk work ("***Program***").

Public Works prepared specifications and bid documents for the Program and made the documents available for purchase on February 5, 2026, on a digital project bidding platform. Five contractors specializing in sidewalk construction purchased bid packages. Three sealed bids were received, publicly opened and read on Thursday, February 26, 2026. Schroeder & Schroeder, Inc., of Skokie, Illinois ("***Contractor***") submitted a total bid in the amount of $447,700. Staff recommends including a contingency in the award of 10% ($44,000) for a total not to exceed award of $491,700. The contingency will be used for any unforeseen work and to address any additional sidewalk that is in need of replacement adjacent to the project area. The Contractor has successfully completed many concrete street and sidewalk maintenance projects for the Village in the past.

The Village's Recommended Budget for Fiscal Year 2026/27 provides funds in the Infrastructure Capital Fund, Account No. 40-7400-722-02 (Sidewalk Construction) for this year's Program. Based on these factors, Village staff recommends entering into a contract between the Village and the Contractor for the Program in the amount of $447,700, with a contingency of $44,000 for a total not to exceed spending authority of $491,700 ("***Contract***").

The President and the Board of Trustees have considered the Contract and determined that it is in the best interests of the Village and the public to enter into the Contract.

Section 2. Approval of the Contract

The Contract for the 2026/27 Fiscal Year Sidewalk Removal and Replacement Program with the Contractor is hereby, approved in a form acceptable to the Village Manager and Village Attorney.

Section 3. Authorization to Execute Contract

The Village Manager shall be, and is hereby, authorized and directed to execute and seal, on behalf of the Village, the Contract only after receipt by the Village Clerk of at least three original copies of the Contract executed by the Contractor and compliance by the Contractor with the conditions precedent to closing; provided, however, that if such requirements are not met by within 60 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Section 4. Authorization to Execute Change Orders

The Village Manager is authorized to execute one or more Contract Change Orders for additional work consisting of additional unforeseen items of work related to, or arising from other work contemplated by the Contract in the amount of $44,000 subject to the Village Manager making the necessary determination that the work contemplated by the change order complies with Section 33E-9 of Article 33E of the Criminal Code of 1961 and placing a copy of such determinations in the Program file.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
ABSTAIN:
ABSENT:

ATTEST:

_____
Village President

_____
Village Clerk

CONTRACT BETWEEN

VILLAGE OF NORTHBROOK

AND

SCHROEDER AND SCHROEDER, INC.

FOR THE 2026 SIDEWALK

REMOVAL AND REPLACEMENT PROJECT

CONTRACT BETWEEN

VILLAGE OF NORTHBROOK

AND

SCHROEDER AND SCHROEDER, INC.

FOR THE 2026 SIDEWALK

REMOVAL AND REPLACEMENT PROJECT

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CONTRACTOR'S CERTIFICATION

ATTACHMENT A - Supplemental Schedule of Contract Terms

ATTACHMENT B - Specifications

ATTACHMENT C - List of Drawings

ATTACHMENT D - Special Project Requirements

APPENDIX 1 - Prevailing Wage Ordinance

PERFORMANCE BOND

LABOR AND MATERIAL PAYMENT BOND

CONTRACT BETWEEN

VILLAGE OF NORTHBROOK

AND

SCHROEDER AND SCHROEDER, INC.

FOR THE 2026 SIDEWALK

REMOVAL AND REPLACEMENT PROJECT

In consideration of the mutual promises set forth below, the Village of Northbrook, 1225 Cedar Lane, Northbrook, Illinois 60062, a home rule municipal corporation ("Owner"), and Schroeder & Schroeder, Inc., 7306 Central Park, Skokie, Illinois 60076, a Corporation ("Contractor"), make this Contract as of the 26th day of February, 2026, and hereby agree as follows:

ARTICLE I

THE WORK

1.1 Performance of the Work

Contractor shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary to accomplish the Project at the Work Site, both as defined in Attachment A, in accordance with the specifications attached hereto as Attachment B, the drawings identified in the list attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Permits. Except as otherwise provided in Attachment A, procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith.

3. Bonds and Insurance. Procure and furnish all Bonds and all certificates and policies of insurance specified in this Contract.

4. Taxes. Pay all applicable federal, state, and local taxes.

5. Miscellaneous. Do all other things required of Contractor by this Contract, including, without limitation, arranging for utility and other services needed for the Work and for testing, including the installation of temporary utility lines, wiring, switches, fixtures,

hoses, connections, and meters, and providing sufficient sanitary conveniences and shelters to accommodate all workers and all personnel of Owner engaged in the Work.

6. Quality. Provide, perform and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional and construction practices and in full compliance with, and as required by or pursuant to, this Contract, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged and first quality equipment, materials and supplies.

1.2 Commencement and Completion Dates

Contractor shall commence the Work not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Work at such a rate as will allow the Work to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Contractor shall submit to Owner all documents, data, and information specifically required to be submitted by Contractor under this Contract and shall, in addition, submit to Owner all such drawings, specifications, descriptive information, and engineering documents, data, and information as may be required, or as may be requested by Owner, to show the details of the Work, including a complete description of all equipment, materials, and supplies to be provided under this Contract ("Required Submittals"). Such details shall include, but shall not be limited to, design data, structural and operating features, principal dimensions, space required or provided, clearances required or provided, type and brand of finish, and all similar matters, for all components of the Work.

B. Number and Format. Contractor shall provide three complete sets for each Required Submittal. All Required Submittals, except drawings, shall be prepared on white 8-1/2 inch by 11 inch paper. Two blueline prints and one sepia transparency of each drawing shall be provided. All prints of drawings shall be folded to 8-1/2 inches by 11 inches, or less. All drawings shall be clearly marked in the lower right-hand corner with the names of Owner and Contractor.

C. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in this Contract for their submission or, if no time for submission is specified, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of the part of the Work to which they relate and prior to the purchase of any equipment, materials, or supplies that they describe. Owner shall have the right to require such corrections as may be necessary to make such submittals conform to this Contract. All such submittals shall, after final processing and review with no exception noted by Owner, become a part of this Contract. No Work related to any submittal shall be performed by Contractor until Owner has completed review of such submittal with no exception noted. Owner's review and stamping of any Required Submittal shall be for the sole purpose of examining the general management, design, and details of the proposed Work, shall not

relieve Contractor of the entire responsibility for the performance of the Work in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

D. Responsibility for Delay. Contractor shall be responsible for any delay in the Work due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Interpretation of Contract Provisions

Contractor represents and warrants that it has carefully reviewed this Contract, including all of its Attachments and the drawings identified in Attachment C, all of which are by this reference incorporated into and made a part of this Contract. Contractor shall, at no increase in the Contract Price, provide workmanship, equipment, materials, and supplies that fully conform to this Contract. Whenever any equipment, materials or supplies are specified or described in this Contract by using the name or other identifying feature of a proprietary product or the name or other identifying feature of a particular manufacturer or vendor, the specific item mentioned shall be understood as establishing the type, function and quality desired. Other manufacturers' or vendors' products may be accepted, provided that the products proposed are equivalent in substance and function to those named as determined by Owner in its sole and absolute discretion.

Contractor shall promptly notify Owner of any discrepancy, error, omission, ambiguity, or conflict among any of the provisions of this Contract before proceeding with any Work affected thereby. If Contractor fails to give such notice to Owner, then the subsequent decision of Owner as to which provision of this Contract shall govern shall be final, and any corrective work required shall not entitle Contractor to any damages, to any compensation in excess of the Contract Price, or to any delay or extension of the Contract Time.

When the equipment, materials, or supplies furnished by Contractor cannot be installed as specified in this Contract, Contractor shall, without any increase in the Contract Price, make all modifications required to properly install the equipment, materials, or supplies. Any such modification shall be subject to the prior review and consent of Owner.

1.5 Conditions at the Work Site; Record Drawings

Contractor represents and warrants that it has had a sufficient opportunity to conduct a thorough investigation of the Work Site and the surrounding area and has completed such investigation to its satisfaction. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time based upon conditions found at, or in the vicinity of, the Work Site. When information pertaining to subsurface, underground or other concealed conditions, soils analysis, borings, test pits, utility locations or conditions, buried structures, condition of existing structures and other investigations is or has been provided by Owner, or is or has been otherwise made available to Contractor by Owner, such information is or has been provided or made available solely for the convenience of Contractor and is not part of this Contract. Owner assumes no responsibility whatever in respect to the sufficiency or accuracy of such information, and there is no guaranty or warranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work or the Work Site, or that the conditions indicated are representative of those existing at any particular location, or that the conditions indicated may not change, or that unanticipated conditions may not be present.

Contractor shall be solely responsible for locating all existing underground installations by prospecting no later than two workdays prior to any scheduled excavation or trenching, whichever is earlier. Contractor shall check all dimensions, elevations, and quantities indicated in this Contract within the same time period as set forth above for prospecting underground installations. Contractor shall lay out the Work in accordance with this Contract and shall establish and maintain such locations, lines and levels. Wherever pre-existing work is encountered, Contractor shall verify and be responsible for dimensions and location of such pre-existing work. Contractor shall notify Owner of any discrepancy between the dimensions, elevations and quantities indicated in this Contract and the conditions of the Work Site or any other errors, omissions or discrepancies which Contractor may discover during such inspections. Full instructions will be furnished by Owner should such error, omission, or discrepancy be discovered, and Contractor shall carry out such instructions as if originally specified and without any increase in Contract Price.

Before Final Acceptance of the Work, Contractor shall submit to Owner two sets of Drawings of Record, unless a greater number is specified elsewhere in this Contract, indicating all field deviations from Attachment B or the drawings identified in Attachment C.

1.6 Technical Ability to Perform

Contractor represents and warrants that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff, to provide, perform and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.7 Financial Ability to Perform

Contractor represents and warrants that it is financially solvent, and Contractor has the financial resources necessary to provide, perform and complete the Work in full compliance with, and as required by or pursuant to, this Contract.

1.8 Time

Contractor represents and warrants that it is ready, willing, able and prepared to begin the Work on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Work in full compliance with, and as required by or pursuant to, this Contract for the Contract Price, all with due regard to all natural and man-made conditions that may affect the Work or the Work Site and all difficulties, hindrances, and delays that may be incident to the Work.

1.9 Safety at the Work Site

Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the Work Site, including the safety of all persons and property during performance of the Work. This requirement shall apply continuously and shall not be limited to normal working hours. Contractor shall take all safety precautions as shall be necessary to comply with all applicable laws and to prevent injury to persons and damage to property.

Contractor shall conduct all of its operations without interruption or interference with vehicular and pedestrian traffic on public and private rights-of-way, unless it has obtained permits therefor from the proper authorities. If any public or private right-of-way shall be

rendered unsafe by Contractor's operations, Contractor shall make such repairs or provide such temporary ways or guards as shall be acceptable to the proper authorities.

1.10 Cleanliness of the Work Site and Environs

Contractor shall keep the Work Site and adjacent areas clean at all times during performance of the Work and shall, upon completion of the Work, leave the Work Site and adjacent areas in a clean and orderly condition.

1.11 Damage to the Work, the Work Site, and Other Property

The Work and everything pertaining thereto shall be provided, performed, completed, and maintained at the sole risk and cost of Contractor from the Commencement Date until Final Payment. Contractor shall be fully responsible for the protection of all public and private property and all persons. Without limiting the foregoing, Contractor shall, at its own cost and expense, provide all permanent and temporary shoring, anchoring and bracing required by the nature of the Work in order to make all parts absolutely stable and rigid, even when such shoring, anchoring and bracing is not explicitly specified, and support and protect all buildings, bridges, roadways, conduits, wires, water pipes, gas pipes, sewers, pavements, curbs, sidewalks, fixtures and landscaping of all kinds and all other public or private property that may be encountered or endangered in providing, performing and completing the Work. Contractor shall have no claim against Owner because of any damage or loss to the Work or to Contractor's equipment, materials, or supplies from any cause whatsoever, including damage or loss due to simultaneous work by others. Contractor shall, promptly and without charge to Owner, repair or replace, to the satisfaction of Owner, any damage done to, and any loss suffered by, the Work and any damage done to, and any loss suffered by, the Work Site or other property as a result of the Work. Notwithstanding any other provision of this Contract, Contractor's obligations under this Section shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Contractor, to indemnify, hold harmless, or reimburse Contractor for the cost of any repair or replacement work required by this Section.

1.12 Subcontractors and Suppliers

A. Approval and Use of Subcontractors and Suppliers. Contractor shall perform the Work with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors, suppliers, and subcontracts used by Contractor shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor, supplier, and subcontract shall not relieve Contractor of full responsibility and liability for the provision, performance, and completion of the Work in full compliance with, and as required by or pursuant to, this Contract. All Work performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Contractor. Every reference in this Contract to "Contractor" shall be deemed also to refer to all subcontractors and suppliers of Contractor. Every subcontract shall include a provision binding the subcontractor or supplier to all provisions of this Contract.

B. Removal of Subcontractors and Suppliers. If any subcontractor or supplier fails to perform the part of the Work undertaken by it in a manner satisfactory to Owner, Contractor shall immediately upon notice from Owner terminate such subcontractor or

supplier. Contractor shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination.

1.13 Simultaneous Work By Others

Owner shall have the right to perform or have performed such other work as Owner may desire in, about, or near the Work Site during the performance of the Work by Contractor. Contractor shall make every reasonable effort to perform the Work in such manner as to enable both the Work and such other work to be completed without hindrance or interference from each other. Contractor shall afford Owner and other contractors reasonable opportunity for the execution of such other work and shall properly coordinate the Work with such other work.

1.14 Occupancy Prior to Final Payment

Owner shall have the right, at its election, to occupy, use, or place in service any part of the Work prior to Final Payment. Such occupancy, use, or placement in service shall be conducted in such manner as not to damage any of the Work or to unreasonably interfere with the progress of the Work. No such occupancy, use, or placement in service shall be construed as an acceptance of any of the Work or a release or satisfaction of Contractor's duty to insure and protect the Work, nor shall it, unless conducted in an unreasonable manner, be considered as an interference with Contractor's provision, performance, or completion of the Work.

1.15 Owner's Right to Terminate or Suspend Work for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Work in whole or in part at any time by written notice to Contractor. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Contractor shall, as and to the extent directed, stop Work under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Work under existing orders and subcontracts, cancel any outstanding orders or subcontracts that may be cancelled, and take any action necessary to protect any property in its possession in which Owner has or may acquire any interest and to dispose of such property in such manner as may be directed by Owner.

B. Payment for Completed Work. In the event of any termination pursuant to Subsection 1.15A above, Owner shall pay Contractor (1) such direct costs, excluding overhead, as Contractor shall have paid or incurred for all Work done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination together with ten percent of such costs for overhead and profit; and (2) such other costs pertaining to the Work, exclusive of overhead and profit, as Contractor may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II

CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Work, the Work Site, and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Work, an equitable adjustment in the Contract Price or Contract Time may be made. All claims by Contractor for an equitable adjustment in either the Contract Price or the Contract Time shall be made within two business days following receipt of such Change Order, and shall, if not made prior to such time, be conclusively deemed to have been waived. No decrease in the amount of the Work caused by any Change Order shall entitle Contractor to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

A. Extensions for Unavoidable Delays. For any delay that may result from causes that could not be avoided or controlled by Contractor, Contractor shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Work.

B. No Compensation for Delays. No payment, compensation, damages, or adjustment of any kind, other than the extension of the Contract Time provided in Subsection 2.2A above, shall be made to, or claimed by, Contractor because of hindrances or delays from any cause in the commencement, prosecution, or completion of the Work, whether caused by Owner or any other party and whether avoidable or unavoidable.

ARTICLE III

CONTRACTOR'S RESPONSIBILITY FOR DEFECTIVE WORK

3.1 Inspection; Testing; Correction of Defects

A. Inspection. Until Final Payment, all parts of the Work shall be subject to inspection and testing by Owner or its designated representatives. Contractor shall furnish, at its own expense, all reasonable access, assistance, and facilities required by Owner for such inspection and testing.

B. Re-inspection. Re-inspection and re-testing of any Work may be ordered by Owner at any time, and, if so ordered, any covered or closed Work shall be uncovered or opened by Contractor. If the Work is found to be in full compliance with this Contract, then Owner shall pay the cost of uncovering, opening, re-inspecting, or re-testing, as the case may be. If such Work is not in full compliance with this Contract, then Contractor shall pay such cost.

C. Correction. Until Final Payment, Contractor shall, promptly and without charge, repair, correct, or replace all or any part of the Work that is defective, damaged, flawed, or unsuitable or that in any way fails to conform strictly to the requirements of this Contract.

3.2 Warranty of Work

A. Scope of Warranty. Contractor warrants that the Work and all of its components shall be free from defects and flaws in design, workmanship, and materials; shall strictly conform to the requirements of this Contract; and shall be fit, sufficient and suitable for the purposes expressed in, or reasonably inferred from, this Contract. The warranty herein expressed shall be in addition to any other warranties expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Length of Warranty; Repairs; Extension of Warranty. Contractor shall, promptly and without charge, correct any failure to fulfill the above warranty that may be discovered or develop at any time within one year after Final Payment or such longer period as may be prescribed in Attachment B or Attachment D to this Contract or by law. The above warranty shall be extended automatically to cover all repaired and replacement parts and labor provided or performed under such warranty and Contractor's obligation to correct Work shall be extended for a period of one year from the date of such repair or replacement. The time period established in this Subsection 3.2B relates only to the specific obligation of Contractor to correct Work and shall not be construed to establish a period of limitation with respect to other obligations that Contractor has under this Contract.

C. Subcontractor and Supplier Warranties. Whenever Attachment B or Attachment D requires a subcontractor or supplier to provide a guaranty or warranty, Contractor shall be solely responsible for obtaining said guaranty or warranty in form satisfactory to Owner and assigning said warranty or guaranty to Owner. Acceptance of any assigned warranties or guaranties by Owner shall be a pre-condition to Final Payment and shall not relieve Contractor of any of its guaranty or warranty obligations under this Contract.

3.3 Owner's Right to Correct

If, within two business days after Owner gives Contractor notice of any defect, damage, flaw, unsuitability, nonconformity, or failure to meet warranty subject to correction by Contractor pursuant to Section 3.1 or Section 3.2 of this Contract, Contractor neglects to make, or undertake with due diligence to make, the necessary corrections, then Owner shall be entitled to make, either with its own forces or with contract forces, the corrections and to recover from Contractor all resulting costs, expenses, losses, or damages, including attorneys' fees and administrative expenses.

ARTICLE IV

FINANCIAL ASSURANCES

4.1 Bonds

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide a Performance Bond and a Labor and Material Payment Bond, on forms provided by Owner, from a surety company licensed to do business in the State of Illinois with a general rating of A and a financial size category of Class X or better in Best's Insurance Guide, each in the penal sum of the Contract Price ("Bonds"). Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the Bonds required hereunder.

4.2 Insurance

Contemporaneous with Contractor's execution of this Contract, Contractor shall provide certificates and policies of insurance evidencing the minimum insurance coverages and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion, however the Work may not begin until such policies are submitted. Such policies shall be in a form, and from companies, acceptable to Owner and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner. Contractor shall, at all times while providing, performing, or completing the Work, including, without limitation, at all times while correcting any failure to meet warranty pursuant to Section 3.2 of this Contract, maintain and keep in force, at Contractor's expense, the minimum insurance coverages and limits set forth in Attachment A.

4.3 Indemnification

Contractor shall indemnify, save harmless, and defend Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that may arise, or be alleged to have arisen, out of or in connection with Contractor's performance of, or failure to perform, the Work or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of Contractor, except to the extent caused by the sole negligence of Owner.

ARTICLE V

PAYMENT

5.1 Contract Price

Owner shall pay to Contractor, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Contractor shall accept in full satisfaction for

providing, performing, and completing the Work, the amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes and Benefits

Owner is exempt from and shall not be responsible to pay, or reimburse Contractor for, any state or local sales, use, or excise taxes. The Contract Price includes all other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, or premium is hereby waived and released by Contractor.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in monthly installments in the manner set forth in Attachment A ("Progress Payments").

B. Pay Requests. Contractor shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner a pay request in the form provided by Owner ("Pay Request"). The first Pay Request shall be submitted not sooner than 30 days following commencement of the Work. Owner may, by written notice to Contractor, designate a specific day of each month on or before which Pay Requests must be submitted. Each Pay Request shall include (a) Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and (b) Contractor's certification that all prior Progress Payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

C. Work Entire. This Contract and the Work are entire and the Work as a whole is of the essence of this Contract. Notwithstanding any other provision of this Contract, each and every part of this Contract and of the Work are interdependent and common to one another and to Owner's obligation to pay all or any part of the Contract Price or any other consideration for the Work. Any and all Progress Payments made pursuant to this Article are provided merely for the convenience of Contractor and for no other purpose.

5.4 Final Acceptance and Final Payment

A. Notice of Completion. When the Work has been completed and is ready in all respects for acceptance by Owner, Contractor shall notify Owner and request a final inspection ("Notice of Completion"). Contractor's Notice of Completion shall be given sufficiently in advance of the Completion Date to allow for scheduling of the final inspection and for completion or correction before the Completion Date of any items identified by such inspection as being defective, damaged, flawed, unsuitable, nonconforming, incomplete, or otherwise not in full compliance with, or as required by or pursuant to, this Contract ("Punch List Work").

B. Punch List and Final Acceptance. The Work shall be finally accepted when, and only when, the whole and all parts thereof shall have been completed to the satisfaction of Owner in full compliance with, and as required by or pursuant to, this Contract. Upon receipt of Contractor's Notice of Completion, Owner shall make a review of the Work

and notify Contractor in writing of all Punch List Work, if any, to be completed or corrected. Following Contractor's completion or correction of all Punch List Work, Owner shall make another review of the Work and prepare and deliver to Contractor either a written notice of additional Punch List Work to be completed or corrected or a written notice of final acceptance of the Work ("Final Acceptance").

C. Final Payment. As soon as practicable after Final Acceptance, Contractor shall submit to Owner a properly completed final Pay Request in the form provided by Owner ("Final Pay Request"). Owner shall pay to Contractor the balance of the Contract Price, after deducting therefrom all charges against Contractor as provided for in this Contract ("Final Payment"). Final Payment shall be made not later than 60 days after Owner approves the Final Pay Request. The acceptance by Contractor of Final Payment shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Contractor for anything done, furnished for, arising out of, relating to, or in connection with the Work or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Work.

5.5 Liens

A. Title. Nothing in this Contract shall be construed as vesting in Contractor any right of property in any equipment, materials, supplies, and other items provided under this Contract after they have been installed in, incorporated into, attached to, or affixed to, the Work or the Work Site. All such equipment, materials, supplies, and other items shall, upon being so installed, incorporated, attached or affixed, become the property of Owner, but such title shall not release Contractor from its duty to insure and protect the Work in accordance with the requirements of this Contract.

B. Waivers of Lien. Contractor shall, from time to time at Owner's request and in any event prior to Final Payment, furnish to Owner such receipts, releases, affidavits, certificates, and other evidence as may be necessary to establish, to the reasonable satisfaction of Owner, that no lien against the Work or the public funds held by Owner exists in favor of any person whatsoever for or by reason of any equipment, material, supplies, or other item furnished, labor performed, or other thing done in connection with the Work or this Contract ("Lien") and that no right to file any Lien exists in favor of any person whatsoever.

C. Removal of Liens. If at any time any notice of any Lien is filed, then Contractor shall, promptly and without charge, discharge, remove, or otherwise dispose of such Lien. Until such discharge, removal, or disposition, Owner shall have the right to retain from any money payable hereunder an amount that Owner, in its sole judgment, deems necessary to satisfy such Lien and to pay the costs and expenses, including attorneys' fees and administrative expenses, of any actions brought in connection therewith or by reason thereof.

D. Protection of Owner Only. This Section shall not operate to relieve Contractor's surety or sureties from any of their obligations under the Bonds, nor shall it be deemed to vest any right, interest, or entitlement in any subcontractor or supplier. Owner's retention of funds pursuant to this Section shall be deemed solely for the protection of its own interests pending removal of such Liens by Contractor, and Owner shall have no

obligation to apply such funds to such removal but may, nevertheless, do so where Owner's interests would thereby be served.

5.6 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any Pay Request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Contractor is liable under this Contract; (3) state or local sales, use, or excise taxes from which Owner is exempt; (4) Liens or claims of Lien regardless of merit; (5) claims of subcontractors, suppliers, or other persons regardless of merit; (6) delay in the progress or completion of the Work; (7) inability of Contractor to complete the Work; (8) failure of Contractor to properly complete or document any Pay Request; (9) any other failure of Contractor to perform any of its obligations under this Contract; or (10) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.3 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5-106 A above until Contractor shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Contractor under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Contractor under this Contract.

ARTICLE VI

DISPUTES AND REMEDIES

6.1 Dispute Resolution Procedure

A. Notice of Disputes and Objections. If Contractor disputes or objects to any requirement, direction, instruction, interpretation, determination, or decision of Owner, Contractor may notify Owner in writing of its dispute or objection and of the amount of any equitable adjustment to the Contract Price or Contract Time to which Contractor claims it will be entitled as a result thereof; provided, however, that Contractor shall, nevertheless, proceed without delay to perform the Work as required, directed, instructed, interpreted, determined, or decided by Owner, without regard to such dispute or objection. Unless Contractor so notifies Owner within two business days after receipt of such requirement, direction, instruction, interpretation, determination, or decision, Contractor shall be conclusively deemed to have waived all such disputes or objections and all claims based thereon.

B. Negotiation of Disputes and Objections. To avoid and settle without litigation any such dispute or objection, Owner and Contractor agree to engage in good faith negotiations. Within three business days after Owner's receipt of Contractor's written notice of dispute or objection, a conference between Owner and Contractor shall be held to resolve the dispute. Within three business days after the end of the conference, Owner shall render its final decision, in writing, to Contractor. If Contractor objects to the final decision of Owner, then it shall, within three business days, give Owner notice thereof and, in such notice, shall state its final demand for settlement of the dispute. Unless Contractor so notifies Owner, Contractor shall be conclusively deemed (1) to have agreed to and accepted Owner's final decision and (2) to have waived all claims based on such final decision.

6.2 Contractor's Remedies

If Owner fails or refuses to satisfy a final demand made by Contractor pursuant to Section 6.01 of this Contract, or to otherwise resolve the dispute which is the subject of such demand to the satisfaction of Contractor, within ten days following receipt of such demand, then Contractor shall be entitled to pursue such remedies, not inconsistent with the provisions of this Contract, as it may have in law or equity.

6.3 Owner's Remedies

If it should appear at any time prior to Final Payment that Contractor has failed or refused to prosecute, or has delayed in the prosecution of, the Work with diligence at a rate that assures completion of the Work in full compliance with the requirements of this Contract on or before the Completion Date, or has attempted to assign this Contract or Contractor's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five business days after Contractor's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Contractor, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the work that is defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to remove from the Work Site any such work; to accelerate all or any part of the work; and to take any or all other action necessary to bring Contractor and the Work into strict compliance with this Contract.

2. Owner may perform or have performed all work necessary for the accomplishment of the results stated in Paragraph 1 above and withhold or recover from Contractor all the cost and expense, including attorneys' fees and administrative costs, incurred by Owner in connection therewith.

3. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory work or part thereof and make an equitable reduction in the Contract Price.

4. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

5. Owner may, without terminating this Contract, terminate Contractor's rights under this Contract and, for the purpose of completing or correcting the Work, evict Contractor and take possession of all equipment, materials, supplies, tools, appliances, plans, specifications, schedules, manuals, drawings, and other papers relating to the work, whether at the work site or elsewhere, and either complete or correct the work with its own forces or contracted forces, all at Contractor's expense.

6. Upon termination of this Contract or of Contractor's rights under this Contract, and at Owner's option exercised in writing, any or all subcontracts and supplier contracts of Contractor shall be deemed to be assigned to Owner without any further action being required, but Owner shall not thereby assume any obligation for payments due under such subcontracts and supplier contracts for any work provided or performed prior to such assignment.

7. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Contractor, any and all costs, including attorneys' fees and administrative expense, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

8. Owner may recover any damages suffered by Owner.

6.4 Owner's Special Remedy for Delay

If the Work is not completed by Contractor, in full compliance with, and as required by or pursuant to, this Contract, within the Contract Time as such time may be extended by Change Order, then Owner may invoke its remedies under Section 6.3 of this Contract or may, in the exercise of its sole and absolute discretion, permit Contractor to complete the Work but charge to Contractor, and deduct from any Progress or Final Payments, whether or not previously approved, administrative expenses and costs for each day completion of the Work is delayed beyond the Completion Date, computed on the basis of the "Per Diem Administrative Charge" set forth in Attachment A, as well as any additional damages caused by such delay.

6.5 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Contractor's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.15 of this Contract.

ARTICLE VII

LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Contractor and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Contractor shall act as an independent contractor in providing and performing the Work. Nothing in, nor done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint ventures between Owner and Contractor or (2) except as provided in Paragraph 6.3(6) above, to create any relationship between Owner and any subcontractor or supplier of Contractor.

7.3 No Collusion

Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Contractor shall not (1) assign this Contract in whole or in part, (2) assign any of Contractor's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Contractor.

7.5 Confidential Information

All information supplied by Owner to Contractor for or in connection with this Contract or the Work shall be held confidential by Contractor and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Work.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Work by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming, or incomplete Work, equipment, materials, or supplies, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Contractor; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Contractor shall be made or be valid against Owner.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any main or branch United States post office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested.

Notices and communications to Owner shall be addressed to, and delivered at, the following address:

Northbrook Public Works
655 Huehl Road
Northbrook, Illinois 60062
Attention: Jim Huff

Notices and communications to Contractor shall be addressed to, and delivered at, the following address:

Schroeder & Schroeder, Inc.
7306 Central Park
Skokie, Illinois 60076

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section, Owner and Contractor each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address shall be effective until actually received.

7.9 Governing Laws

This Contract and the rights of Owner and Contractor under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

7.11 Compliance with Laws and Grants

Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work is provided, performed, and completed in accordance with all required

governmental permits, licenses or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. [formerly Ill. Rev. Stat. ch. 48, Sec. 39s-0.01 et seq.] (in furtherance of which, a copy of Owner's ordinance ascertaining the prevailing rate of wages in effect as of the date of this Contract has been attached as an Appendix to this Contract; if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other prevailing wage laws; the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes requiring preference to laborers of specified classes; the Illinois Steel Products Procurement Act, 30 ILCS 565/1 et seq. [formerly Ill. Rev. Stat. ch. 48, sec. 1801 et seq.]; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. sec. 12101 et seq., the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. [formerly Ill. Rev. Stat. ch. 68, sec. 1-101 et seq.] and the Discrimination in Public Contracts Act, 775 ILCS 10/1 et seq. [formerly Ill. Rev. Stat. ch. 29, sec. 17 et seq.]; and any statutes regarding safety or the performance of the Work, including the Illinois Structural Work Act, the Illinois Underground Utility Facilities Damage Prevention Act, and the Occupational Safety and Health Act. Contractor shall also comply with all conditions of any federal, state, or local grant received by Owner or Contractor with respect to this Contract or the Work.

Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's, or its subcontractors' or suppliers', performance of, or failure to perform, the Work or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Compliance with Patents

A. Assumption of Costs, Royalties, and Fees. Contractor shall pay or cause to be paid all costs, royalties, and fees arising from the use on, or the incorporation into, the Work, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions.

B. Effect of Contractor Being Enjoined. Should Contractor be enjoined from furnishing or using any equipment, materials, supplies, tools, appliances, devices, processes, or inventions supplied or required to be supplied or used under this Contract, Contractor shall promptly offer substitute equipment, materials, supplies, tools, appliances, devices, processes, or inventions in lieu thereof, of equal efficiency, quality, suitability, and market value, for review by Owner. If Owner should disapprove the offered substitutes and should elect, in lieu of a substitution, to have supplied, and to retain and use, any such equipment, materials, supplies, tools, appliances, devices, processes, or inventions as may by this Contract be required to be supplied, Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for Owner to use such equipment, materials, supplies, tools, appliances, devices, processes, or inventions without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should Contractor neglect or refuse to make any approved substitution promptly, or to pay such royalties and secure such licenses as

may be necessary, then Owner shall have the right to make such substitution, or Owner may pay such royalties and secure such licenses and charge the cost thereof against any money due Contractor from Owner or recover the amount thereof from Contractor and its surety or sureties notwithstanding that Final Payment may have been made.

7.13 Time

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.14 Severability

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

7.15 Entire Agreement

This Contract sets forth the entire agreement of Owner and Contractor with respect to the accomplishment of the Work and the payment of the Contract Price therefor, and there are no other understandings or agreements, oral or written, between Owner and Contractor with respect to the Work and the compensation therefor.

Nothing in this Contract shall be construed to waive or limit any aspect of Owner's lawful authority to regulate the activities of Contractor, its subcontractors' or any other person or to regulate the Work, the Work Site or any other matter falling within its lawful regulatory jurisdiction and powers. No review, inspection, test, audit, measurement, order, determination, decision, disapproval, approval, payment for or use or acceptance of the Work, or any other act or omission of Owner shall imply, create any interest in, be deemed to be the issuance of or require Owner to issue any license or permit to Contractor or any subcontractor.

7.16 Amendments

No modification, addition, deletion, revision, alteration or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Contractor.

IN WITNESS WHEREOF, Owner and Contractor have caused this Contract to be executed in five original counterparts as of the day and year first written above.

(SEAL)

Attest/Witness:

VILLAGE OF NORTHBROOK

By: _____
Derek Gau

By: _____
Cara Pavlicek

Title: Village Clerk

Title: Village Manager

Attest/Witness:

SCHOREDER & SCHROEDER, INC.

By: _____

By: _____
Joe Vrabel

Title: Secretary

Title: President

STATE OF ILLINOIS)
) SS
COUNTY OF Cook)

CONTRACTOR'S CERTIFICATION

Joseph V. Vrabel, being first duly sworn on oath, deposes and states that all statements herein made are made on behalf of Contractor, that this deponent is authorized to make them, and that the statements contained herein are true and correct.

Contractor deposes, states, and certifies that Contractor is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Contractor is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1 et seq. [formerly Ill. Rev. Stat. ch. 24, sec. 11-42.1-1]; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. [formerly Ill. Rev. Stat. ch. 38, sec. 33E-1 et seq.].

DATED this 30th day of March, 2026.

Attest/Witness:

By: _____

Title: Secretary

SCHROEDER & SCHROEDER, INC.

By: _____
Joe Vrabel

Title: **President**

Subscribed and Sworn to
before me this 30th day
of March, 2026.

_____
Notary Public

My Commission Expires: 1/8/2029

[SEAL]

OFFICIAL SEAL
HANNAH M WILKES
Notary Public, State of Illinois
Commission No. 1002273
My Commission Expires January 08, 2029

ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. Project:

   Removal and replacement of defective portland cement concrete sidewalk segments and removal and replacement of selected combination concrete curb and gutter segments.

2. Work Site:

   Various locations in the Village of Northbrook. Majority of work will be concentrated in certain subdivisions. Some work will be taking place along (Cook County R.O.W.) and (State of Illinois R.O.W.).

3. Permits, Licenses, Approvals, and Authorizations:

   Contractor shall obtain all required governmental permits, licenses, approvals, and authorizations, including without limitation the following: Village Contractor licenses, IDOT and Cook County DOTH permits as applicable and if required by the agency(s).

4. Commencement Date:

   No early than August 4, 2026. The contractor shall work with the Village to establish a mutually agreed upon starting date.

5. Sequence of Work:

   The Village will provide the contractor with a map showing the sequence of work for each area and within each area there will be sections that makes of an area. The contractor must follow the engineer's sequence of work for areas and sections within those areas.

   The contractor will not be able to move to the next section or area if sidewalk squares have been removed and one or more of the following conditions has exceeded the required Calendar days to complete:

   1. Any open sidewalk must be poured within (12) Calendar days.
      (The exception will be for b-box repair, structure adjustments or for root grinding by the Public Works Forestry Department).
   2. Any voids left over after the forms being removed must be filled in or lawn restoration completed within seven (7) calendar days from the date the sidewalk was poured.
   3. All voids left over from installing sidewalk through driveways must be filled in with CA-6 stone within five (5) calendar days from the date the sidewalk was poured. If directed by the Engineer to patch the driveway with asphalt this work must be completed within 14 calendar days from the date the sidewalk was poured

6. Completion Date:

Completion date of September 6, 2026, plus extensions, if any, authorized by a Change Order issued pursuant to Subsection 2.2A of the Contract.

7. Insurance Coverages:

A. Worker's Compensation and Employer's Liability
with limits not less than:
(1) Worker's Compensation: Statutory;

(2) Employer's Liability:
$1,000,000 injury - per occurrence
$ 500,000 disease - per employee
$1,000,000 disease - policy limit
Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability, with a combined single limit of liability for bodily injury and property damage of not less $3,000,000 for vehicles owned, non-owned, or rented. All employees shall be included as insureds.

C. Commercial General Liability with coverage written on an "occurrence" basis and with "per project" limits no less than $3,000,000 Bodily Injury and Property Damage Combined Single Limit.
Coverage is to be written on an "occurrence basis:

Coverages shall include:
- Broad Form Property Damage Endorsement
- Products/Completed Operations (to be maintained for 2 years following final payment).
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- "X," "C," and "U" exclusions shall be limited
- Contractual Liability
-Railroad exclusions shall be deleted if Work Site is within 50 feet of any railroad track.

All employees shall be included as insureds.
Contractual Liability shall specifically include the indemnification set forth in the Contract.

D. Umbrella Policy. The required coverages may be in any combination of primary, excess and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

E. Deductible. Each policy shall have a deductible or self-insured retention of not more than $1,000.

F. Owner as Additional Insured. Owner shall be named as an Additional Insured on all policies except for Worker's Compensation, and Comprehensive Motor Vehicle Liability.

Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers,

employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions).

G. Other Parties as Additional Insureds. In addition to the Owner, the following parties shall be named as additional insureds on the following policies.

Additional Insured	Policy or Policies
No Additional Insured Parties Except Owner As Stated Above	

8. Contract Price:

SCHEDULE OF PRICES

A. UNIT PRICE CONTRACT

For providing, performing, and completing all Work, the sum of the products resulting from multiplying the number of acceptable units of Unit Price Items listed below incorporated in the Work by the Unit Price set forth below for such Unit Price Item:

COMPLETE TABLE AS INDICATED

Unit Price Item	Unit	Approximate Number of Units	Price Per Unit	Extension
1. P.C.C. Sidewalk Removal and Replacement, 5" for Local Streets	sq. ft.	35,000	$10.00	$350,000.00
2. P.C.C. Sidewalk Removal and Replacement, 5" for Non-Local Streets	sq. ft.	5,000	$10.00	$50,000.00
3. Sodding Special	sq. yd.	150	$20.00	$3,000.00
4. Combination P.C.C. Curb/Gutter Removal and Replacement	lin. ft.	300	$45.00	$13,500.00
5. Asphalt Pavement Patching – 2"	sq. yd.	300	$40.00	$12,000.00
6. Detectable Warnings	sq. ft.	650	$22.00	$14,300.00
7. Brick Driveway Rem and Replacement	sq. ft.	150	$18.00	$2,700.00
8. Manhole Adjustment	ea.	4	$550.00	$2,200.00

TOTAL CONTRACT PRICE:
(the sum of the extensions for the Unit Price Items)

Four Hundred and forty-Seven Thousand seven hundred and Zero Dollars and Zero Cents
(in writing) (in writing)

$447,700 (in figures) Dollars and 00 (in figures) Cents

9. Progress Payments:

A. General. Owner shall pay to Contractor 90 percent of the Value of Work, determined in the manner set forth below, installed and complete in place up to the day before the Pay Request, less the aggregate of all previous Progress Payments. The total amount of Progress Payments made prior to Final Acceptance by Owner shall not exceed 90 percent of the Contract Price.

B. Value of Work. The Value of the Work shall be determined as follows:

(1) Lump Sum Items. For all Work to be paid on a lump sum basis, Contractor shall, not later than 10 days after execution of the Contract and before submitting its first Pay Request, submit to Owner a schedule showing the value of each component part of such Work in form and with substantiating data acceptable to Owner ("Breakdown Schedule"). The sum of the items listed in the Breakdown Schedule shall equal the amount or amounts set forth in the Schedule of Prices for Lump Sum Work. An unbalanced Breakdown Schedule providing for overpayment of Contractor on component parts of the Work to be performed first will not be accepted. The Breakdown Schedule shall be revised and resubmitted until acceptable to Owner. No payment shall be made for any lump sum item until Contractor has submitted, and Owner has approved, an acceptable Breakdown Schedule.

Owner may require that the approved Breakdown Schedule be revised based on developments occurring during the provision and performance of the Work. If Contractor fails to submit a revised Breakdown Schedule that is acceptable to Owner, Owner shall have the right either to suspend Progress and Final Payments for Lump Sum Work or to make such Payments based on Owner's determination of the value of the Work completed.

(2) Unit Price Items. For all Work to be paid on a unit price basis, the value of such Work shall be determined by Owner on the basis of the actual number of acceptable units of Unit Price Items installed and complete in place, multiplied by the applicable Unit Price set forth in the Schedule of Prices. The actual number of acceptable units installed and complete in place shall be measured on the basis described in Attachment B to the Contract or, in the absence of such description, on the basis determined by Owner. The number of units of Unit Price Items stated in the Schedule of Prices are Owner's estimate only and shall not be used in establishing the Progress or Final Payments due Contractor. The Contract Price shall be adjusted to reflect the actual number of acceptable units of Unit Price Items installed and complete in place upon Final Acceptance.

C. Application of Payments. All Progress and Final Payments made by Owner to Contractor shall be applied to the payment or reimbursement of the costs with respect to which they were paid and shall not be applied to or used for any pre-existing or unrelated debt between Contractor and Owner or between Contractor and any third party.

10. Per Diem Administrative Charge:

One thousand Dollars ($1,000.00) per day for each day after the Completion Date.

ATTACHMENT B

SPECIFICATIONS

1. General

Pertinent sections of the Standard Specifications for Road and Bridge Construction, adopted January 1, 2022 by the State of Illinois Department of Transportation, and all subsequent revisions thereto, are incorporated into and made a part of this Contract by this reference, and shall govern the performance of the Work, except as modified by Attachment D or other terms of this Contract. "State" or "Department" shall mean "Owner" for the purposes of this Contract.

2. Materials

Class "SI" Portland Cement Concrete shall be the standard mix design for this removal and replacement project.

Type III membrane curing compound (pigmented) shall be promptly applied to all concrete work according to pertinent sections of the Specifications and shall be considered incidental to the cost of the Contract.

Hot mix asphalt surface course- Mix "D" N50 shall be used for all asphalt pavement restorations.

Arthur Clesen, Inc.'s "Sunny Mix" or approved equal shall be the seed mixture designated for all lawn restorations.

3. Project Supervisor

Owner shall designate one of its employees to serve as Project Supervisor under this Contract.

4. Work Hours

No work that requires inspection shall be performed before 7:00 A.M. or after 4:00 P.M. or on Saturdays, Sundays and legal holidays without written approval of the Project Supervisor.

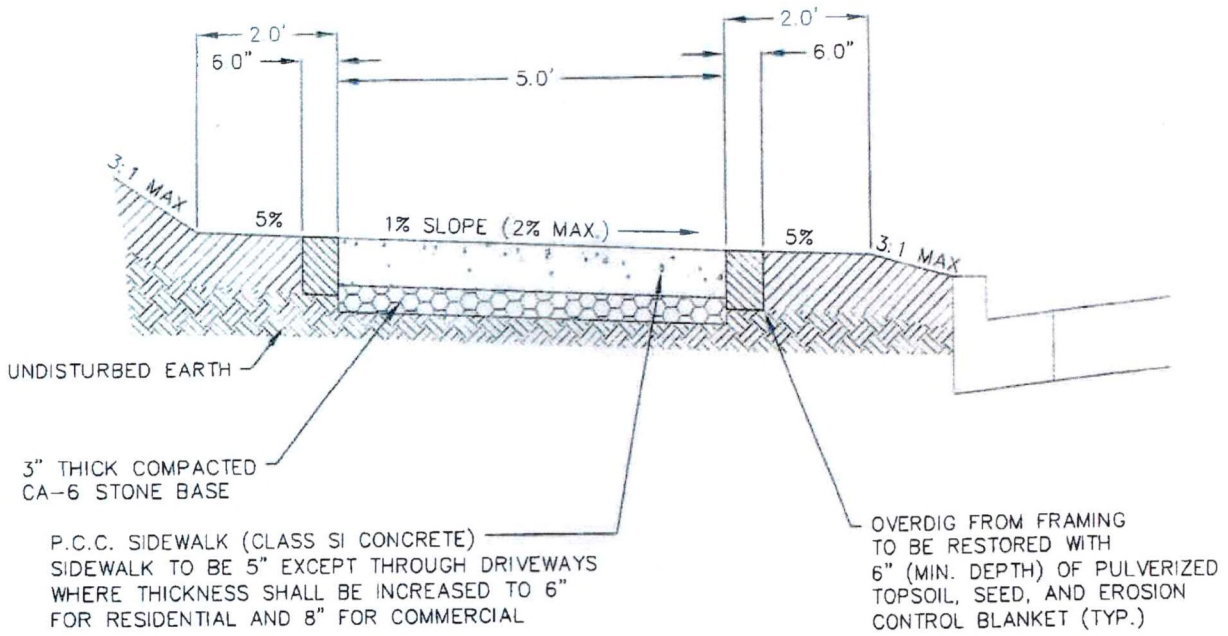
Northbrook Ordinance No. 16-52 prohibits any construction noise prior to 7:00 a.m. or after 7:00 p.m. Monday thru Friday and prior to 9:00 a.m. or after 5:00 p.m. on Saturday. Construction noise is strictly prohibited on Sundays and legal holidays.

ATTACHMENT C

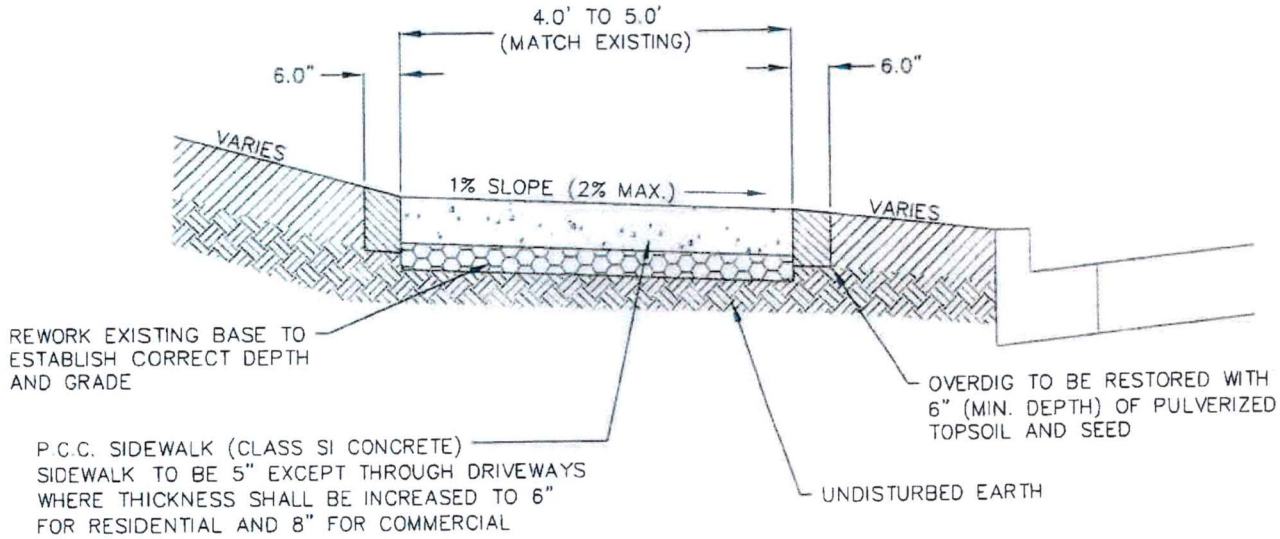
LIST OF DRAWINGS

Sheet Title	Date Last Revised
P.C.C. Sidewalk Patching Detail	2020
Combination Curb & Gutter Detail	2021
424001-11 Perpendicular Curb Ramps for Sidewalks	
701501-06 Urban Lane Closure, 2L, 2W, Undivided	
701502-09 Urban Lane Closure, 2L, 2W, with Bidirectional Left Turn Lane	
701601-09 Urban Lane Closure, Multilane, 1W or 2 with Nontraversable Median	
701602-10 Urban Lane Closure, Multilane, 2W with Bidirectional Left Turn Lane	
701606-10 Urban Single Lane Closure, Multilane, 2W with Mountable Median	
701611-01 Urban Half Road Closure, Multilane, 2W with Mountable Median	
701801-06 Sidewalk, Corner or Crosswalk Closure	
701901-08 Traffic Control Devices	

NEW P.C.C. SIDEWALK



P.C.C. SIDEWALK PATCHING



NOTES:
1. WHEN CONSTRUCTING SIDEWALK WITHIN THE DRIPLINE OF A TREE, FOLLOW STANDARD DETAIL FOR "P.C.C. SIDEWALK IN DRIPLINE DETAIL" P-6
2. PROVIDE 1/2" THICK FIBER EXPANSION JOINT PER ASTM D-1751 EVERY 50 FEET

P.C.C. SIDEWALK DETAIL

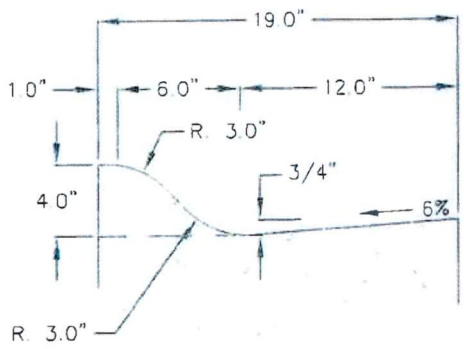
Village of Northbrook
Public Works Department

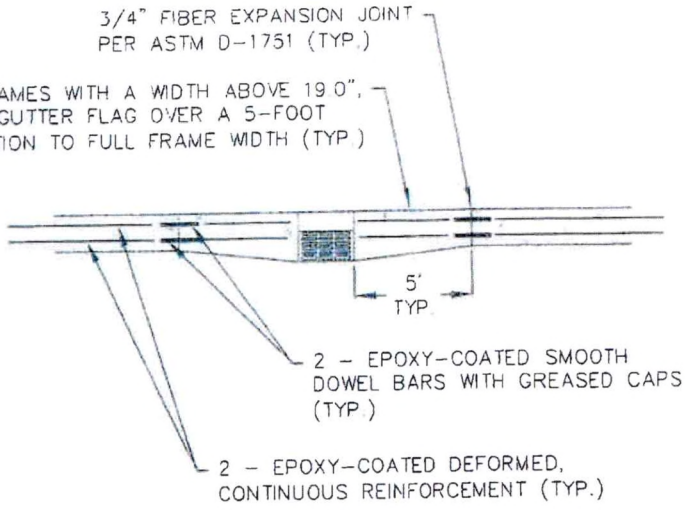
DATE	REVISIONS
4-30-20	Consolidated Sidewalk Details

STANDARD DETAIL
P-5 (01)

(Sheet 1 of 1)

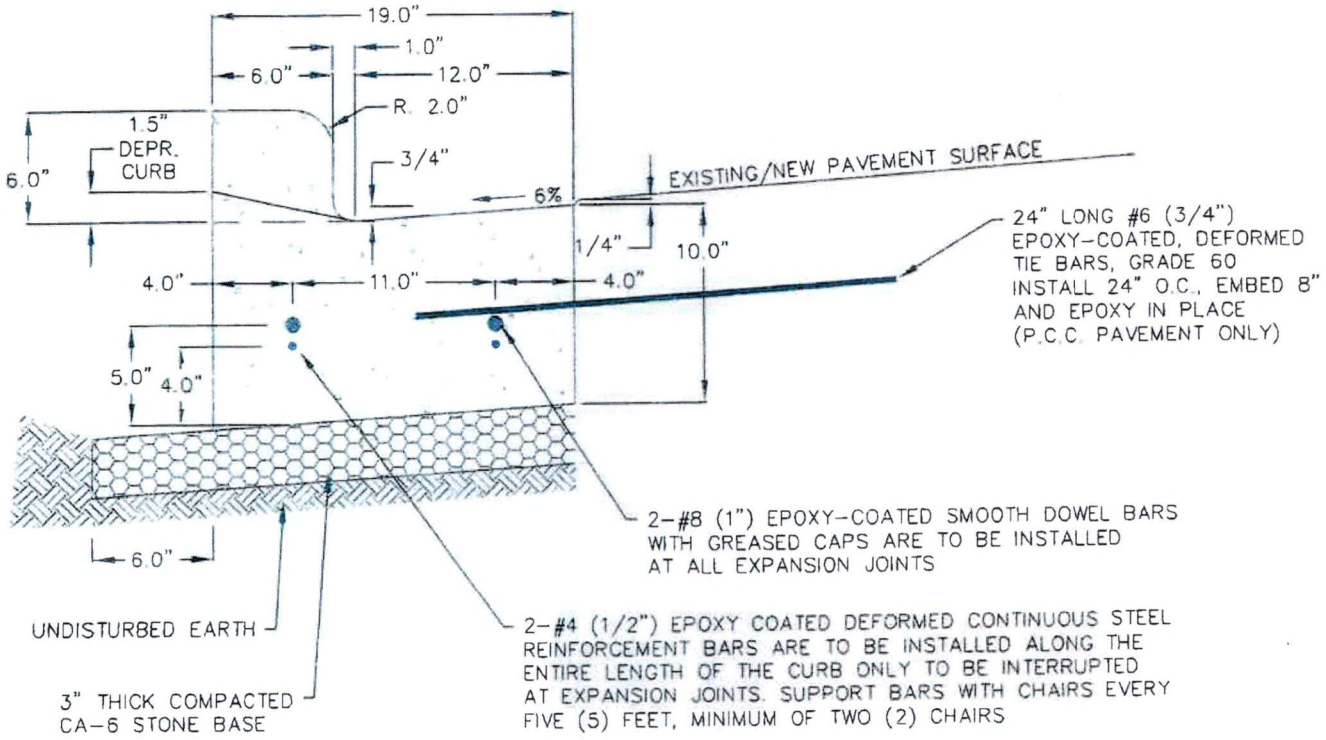
TYPE M-4.12





PLAN VIEW

TYPE B-6.12 & DEPRESSED CURB



NOTES:

1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT 60' INTERVALS AND AT ADDITIONAL LOCATIONS AS SPECIFIED BY THE ENGINEER.
2. CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 15' INTERVALS AND AT ADDITIONAL LOCATIONS AS SPECIFIED BY THE ENGINEER
3. WITH NEW CURB REPLACEMENT NEXT TO HMA, CONTRACTOR IS REQUIRED TO PLACE 2' OF HMA FULL DEPTH PAID SEPARATELY TO MATCH EXISTING

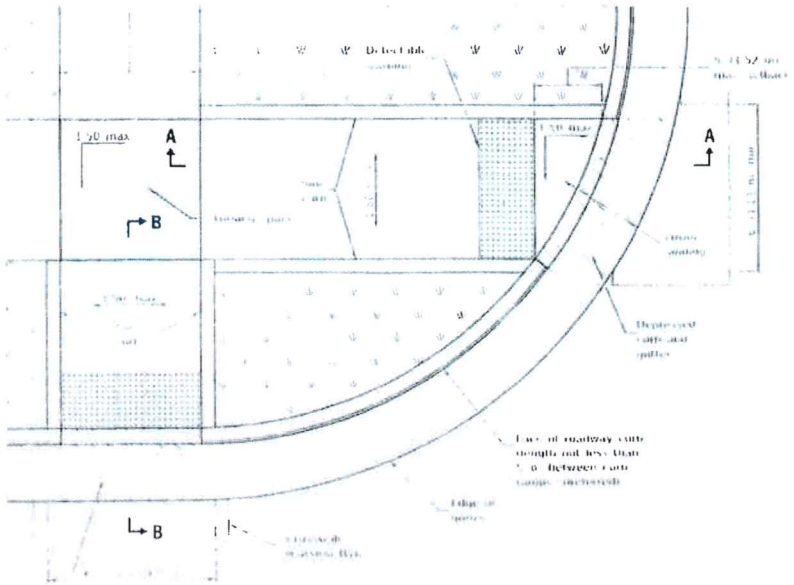
COMBINATION CURB & GUTTER

Village of Northbrook
Public Works Department

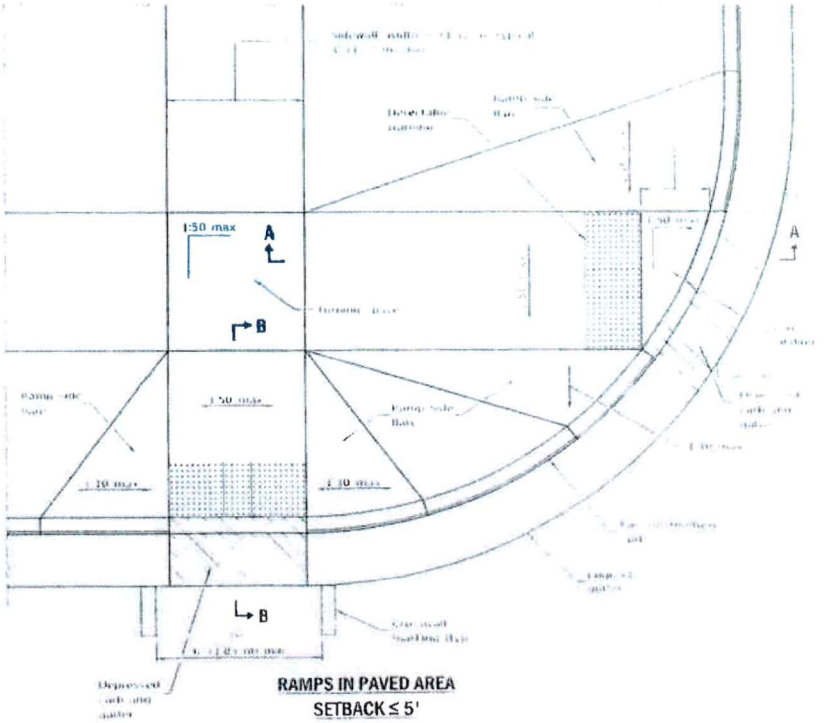
DATE	REVISIONS
4-30-20	Consolidated Details, Revised Notes
4-1-21	Added Plan Note

STANDARD DETAIL
P-1 (01)

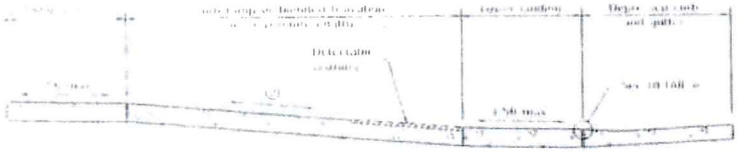
(Sheet 1 of 1)



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

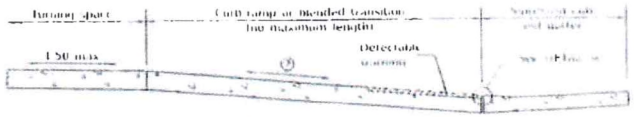


RAMPS IN PAVED AREA
SETBACK ≤ 5'



SECTION A-A

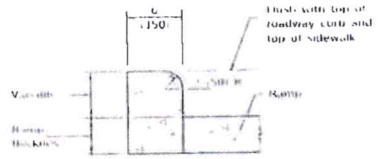
(2) The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



SECTION B-B

(3) The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

DETAIL A

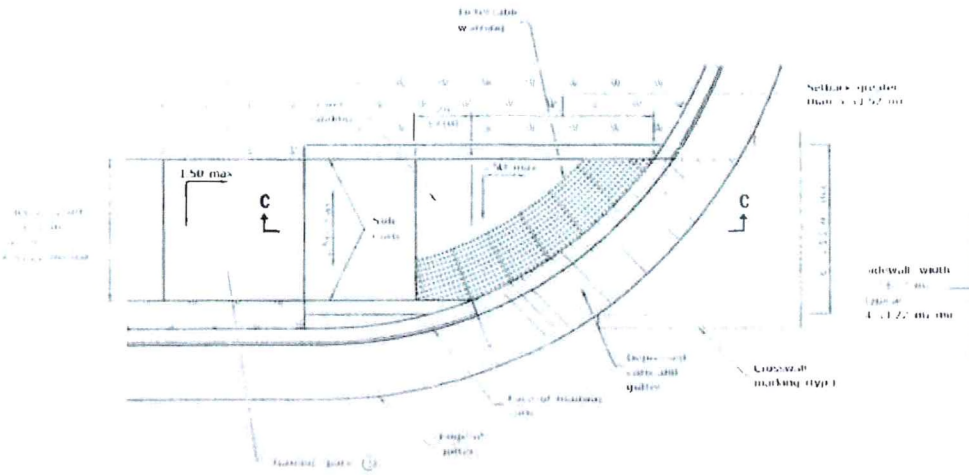


SIDE CURB DETAIL

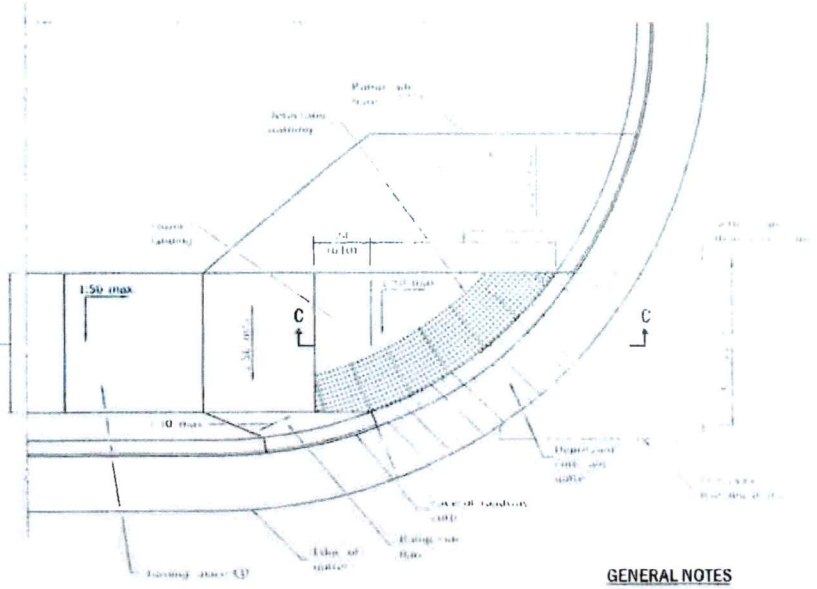
DATE	REVISIONS

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

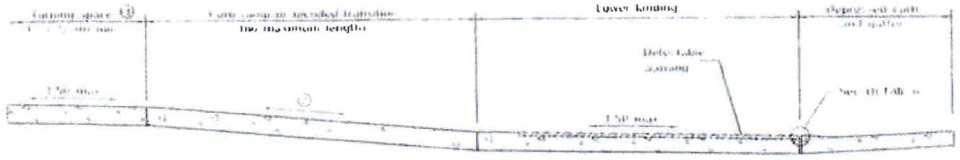
STANDARD 424001-11



RAMP IN LANDSCAPED AREA
SETBACK > 5'



RAMP IN PAVED AREA
SETBACK > 5'



SECTION C-C

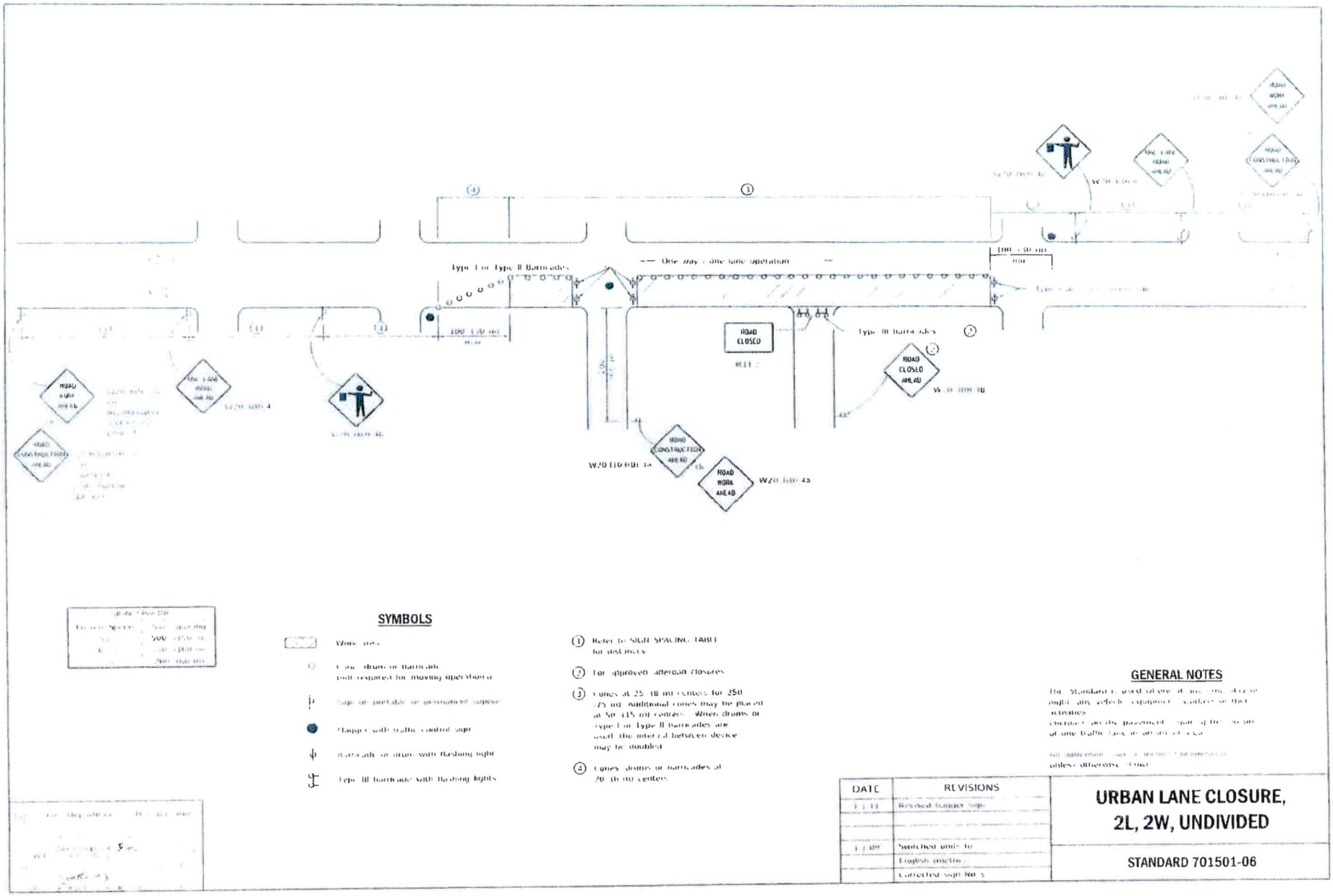
(1) The turning space not required for blended transition.

(2) The running slope of a curb ramp shall be 5.0 min. and 8.3 max. The running slope of a blended transition shall be 4.50 max.

GENERAL NOTES

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

STANDARD 424001-11



SYMBOLS

Work area

Cone, drum or barricade
(not required for moving operations)

Sign on portable or permanent support

Flagger with traffic control sign

Barricade or drum with flashing light

Type III barricade with flashing lights

(1) Refer to SIGN SPACING TABLE for distances

(2) For approved alternate closures

(3) Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between device may be doubled.

(4) Cones, drums or barricades at 20' (6 m) centers

GENERAL NOTES

The Standard is used where it is ... the duty or ... any vehicle ... activities.

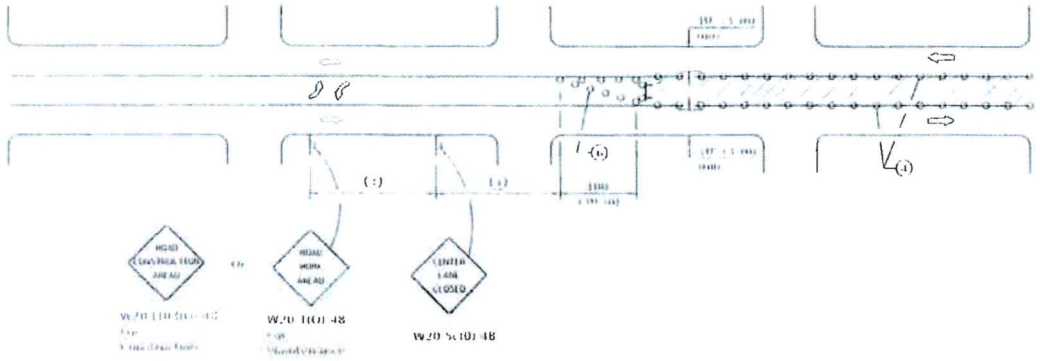
... on the pavement ... of the ... of one traffic lane ... at all times.

... unless otherwise ... Chief.

DATE	REVISIONS
	Revised bumper sign
	Switched units to
	English units
	Corrected sign no.'s

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



CASE I

(Sign required for both directions)

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (106 m)
40	200' (60 m)

SYMBOLS

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

(1) Refer to SIGN SPACING TABLE for distances

(2) Required for speeds ≥ 70 mph (70 km/h)

(3) Required if work exceeds 500' (161 m) or 1 block

(4) Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or Type I or II barricades are used, the interval between devices may be doubled

(5) For approved sidewalk closures

(6) Cones, drums or barricades at 20' (6 m) centers or taper

(7) Use flagger sign only when flagger is present

GENERAL NOTES

This Standard cannot be used for lane or urban two lane, two way roadway with a bidirectional turn lane.

Case I applies when the work zone is on the left. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Colours: Use Yellow

SPEED (MPH) | CONE SPACING
Engineer | Operator

50 mph (70 km/h) or less: 1 WS / 1 L | 1 WS / 1 SS

55 mph (90 km/h) or greater: 1 W / 1 L | 1 W / 1 SS

W = Width of offset in feet (meters)

S = Normal posted speed mph (km/h)

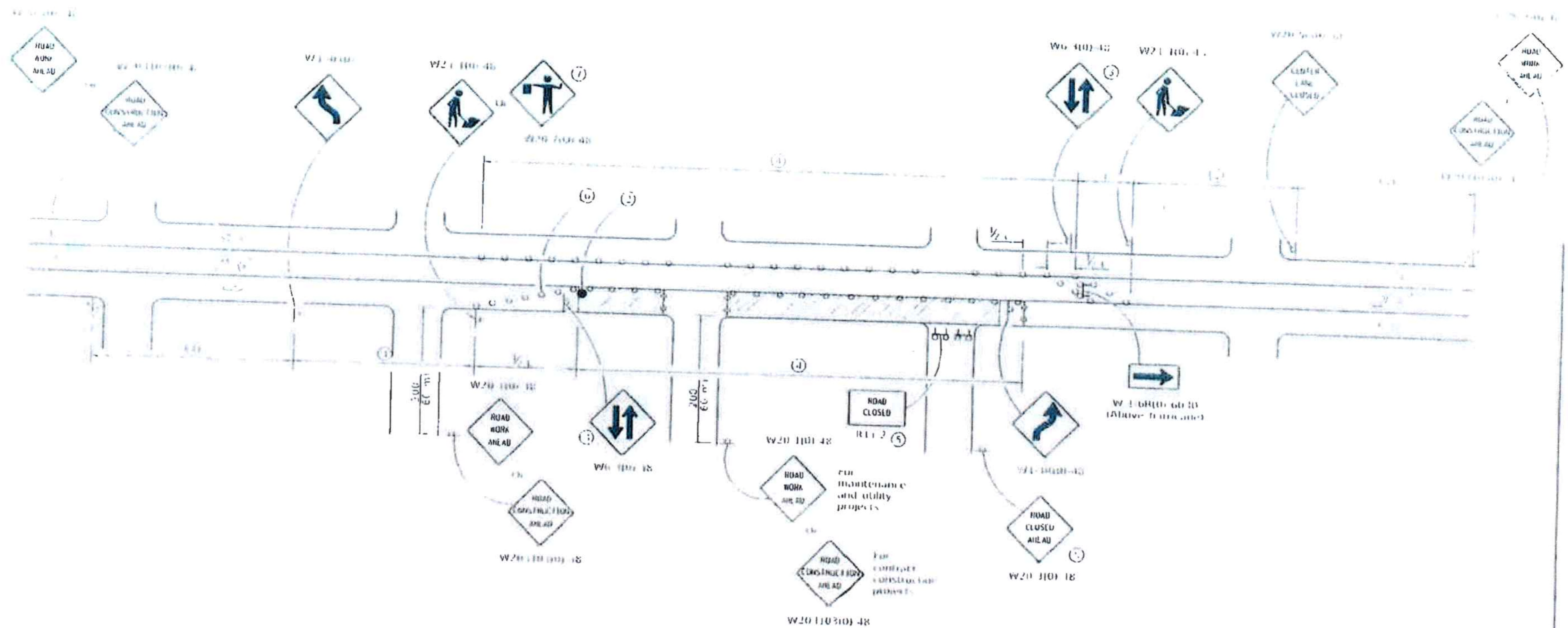
All dimensions are in metric (millimetres) unless otherwise shown

DATE	REVISIONS
1 19	Revised to allow cones at night
1 16	Corrected sign number to
	TWO WAY TRAFFIC sign to
	CASE II

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

Sheet 1 of 2

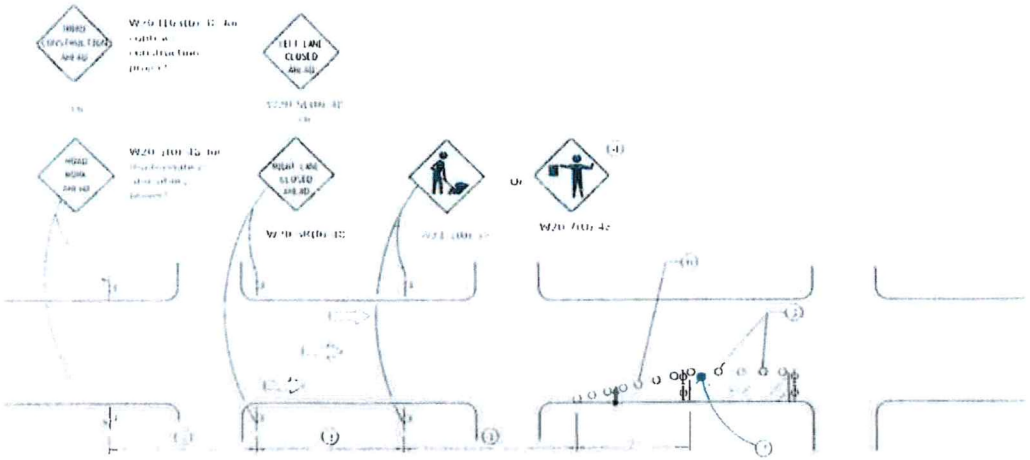
STANDARD 701502-09



CASE II

URBAN LANE CLOSURE,
2L, 2W, WITH BIDIRECTIONAL
LEFT TURN LANE

STANDARD 701502-09



SYMBOLS

- Direction of traffic
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or sign with flashing light
- Type III barricade with flashing lights
- Flagger with traffic control sign

(1) Refer to SIGN SPACING TABLE for distance

(2) Required for speeds > 40 MPH

(4) Cones at 25 ft (8 m) centers for 250 ft (75 m). Additional cones may be placed at 50 ft (15 m) centers. When drums or Type I or Type II barricades are used the interval between devices may be doubled

(5) Use flagger sign only when flagger is present

(5) For approved alternate closure

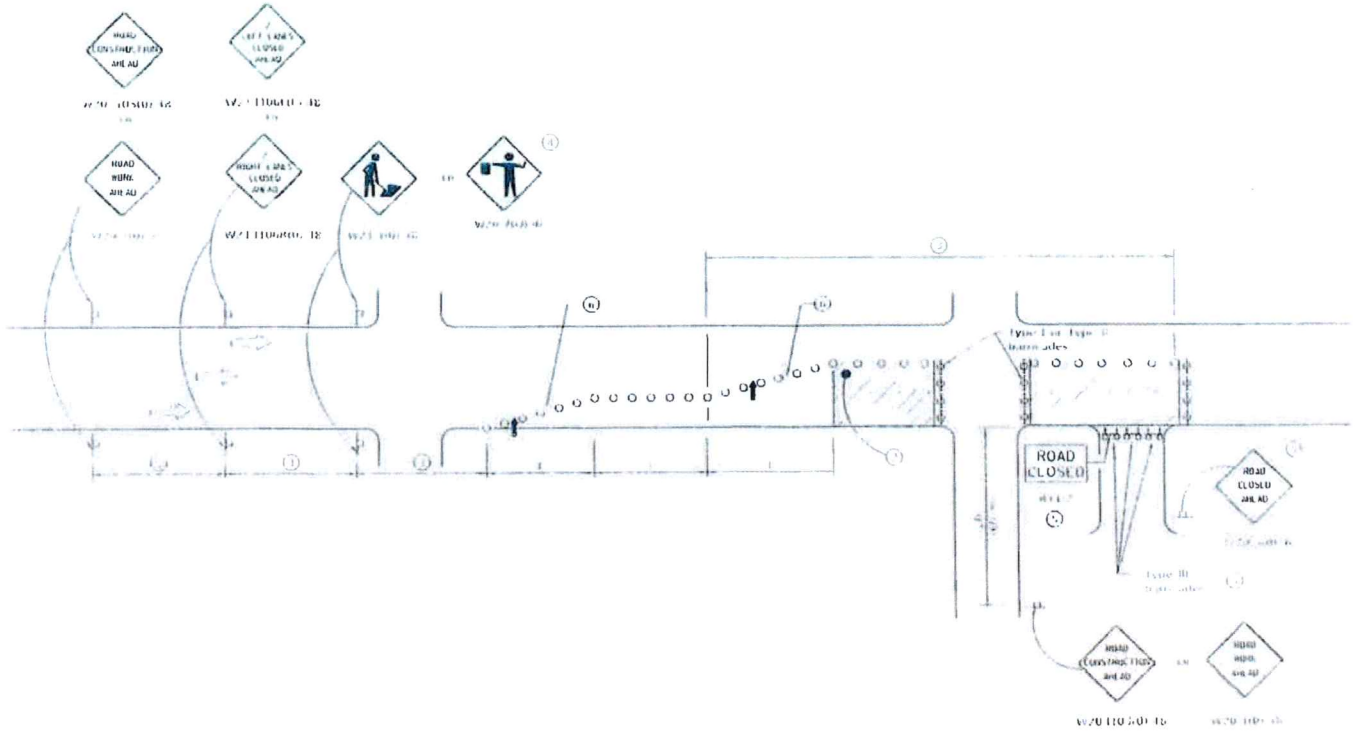
(6) Cones, drums or barricades at 20 ft (6 m) on taper

GENERAL NOTES

DATE	REVISIONS
	Revised workers sign
	number to upper right
	Limits added
	Omitted text WORKERS
	ahead

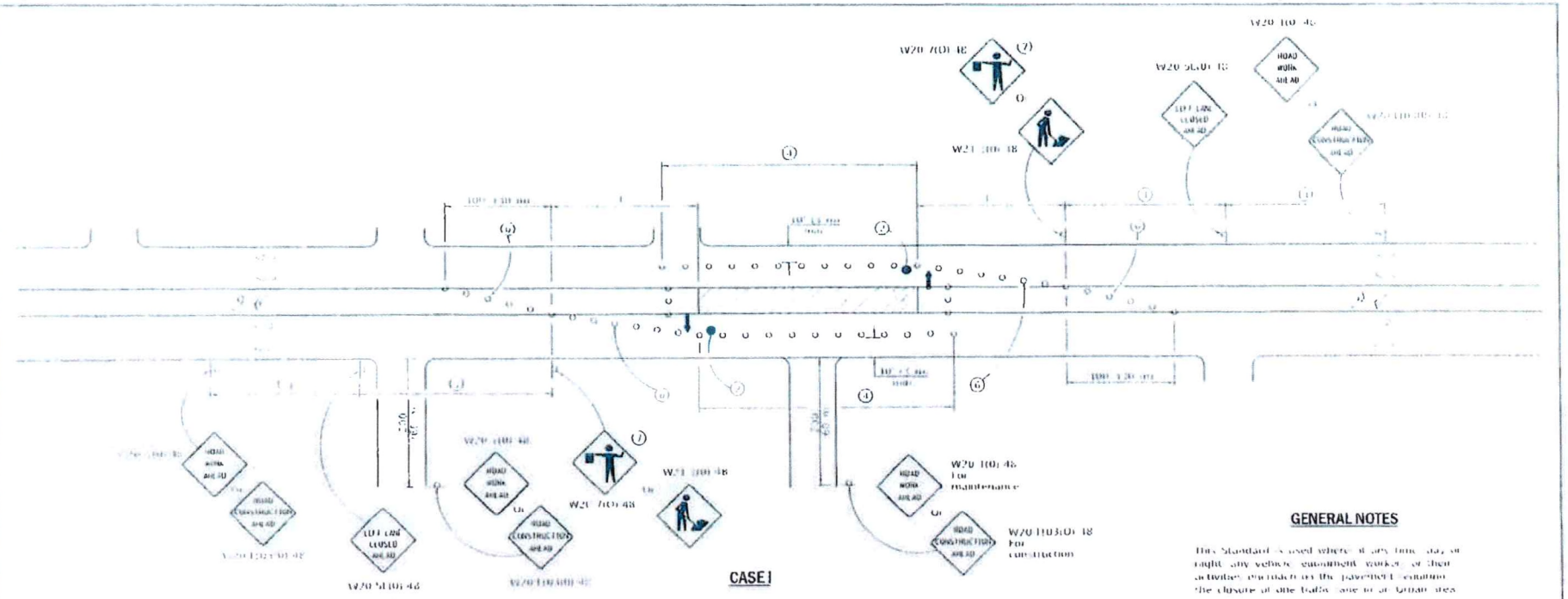
URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

STANDARD 701601-09



URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

STANDARD 701601-09



CASE I

(1) Refer to SIGN SPACING TABLE for distances.

(2) Required for speeds > 40 mph (70 km/h)

(3) Required if work exceeds 500' (164 m) or 2 blocks, repeat every 1 mile (1.6 km)

(4) Cones at 15' (5 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or Type I or II barricades are used, the interval between devices may be doubled

(5) For approved sideroad closures

(6) Cones, drums or barricades at 20' (6 m) centers on taper

(7) Use flagger sign only when flagger is present

SYMBOLS

- Arrow board
- Work area
- Barricade or drum with steady burning (nondirectional) light
- Flagger with stop/slow control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

GENERAL NOTES

This Standard is used where, at any time, any or all of the following occur: any vehicle, equipment, workers, or their activities, encroach on the pavement, shoulder, or the closure of one traffic lane or an urban area.

If the work duration is between 1 hour and 3 days, and does not exceed the limits of Standard 701120.

Calculate L as follows:

SPEED (MPH)	FORMULAS	
	Use 1	Use 2
40 mph (70 km/h) or less	$L = \frac{WS^2}{60}$	$L = WS$
45 mph (80 km/h) or greater	$L = WS$	$L = WS$

W = Width of offset in feet (meters)

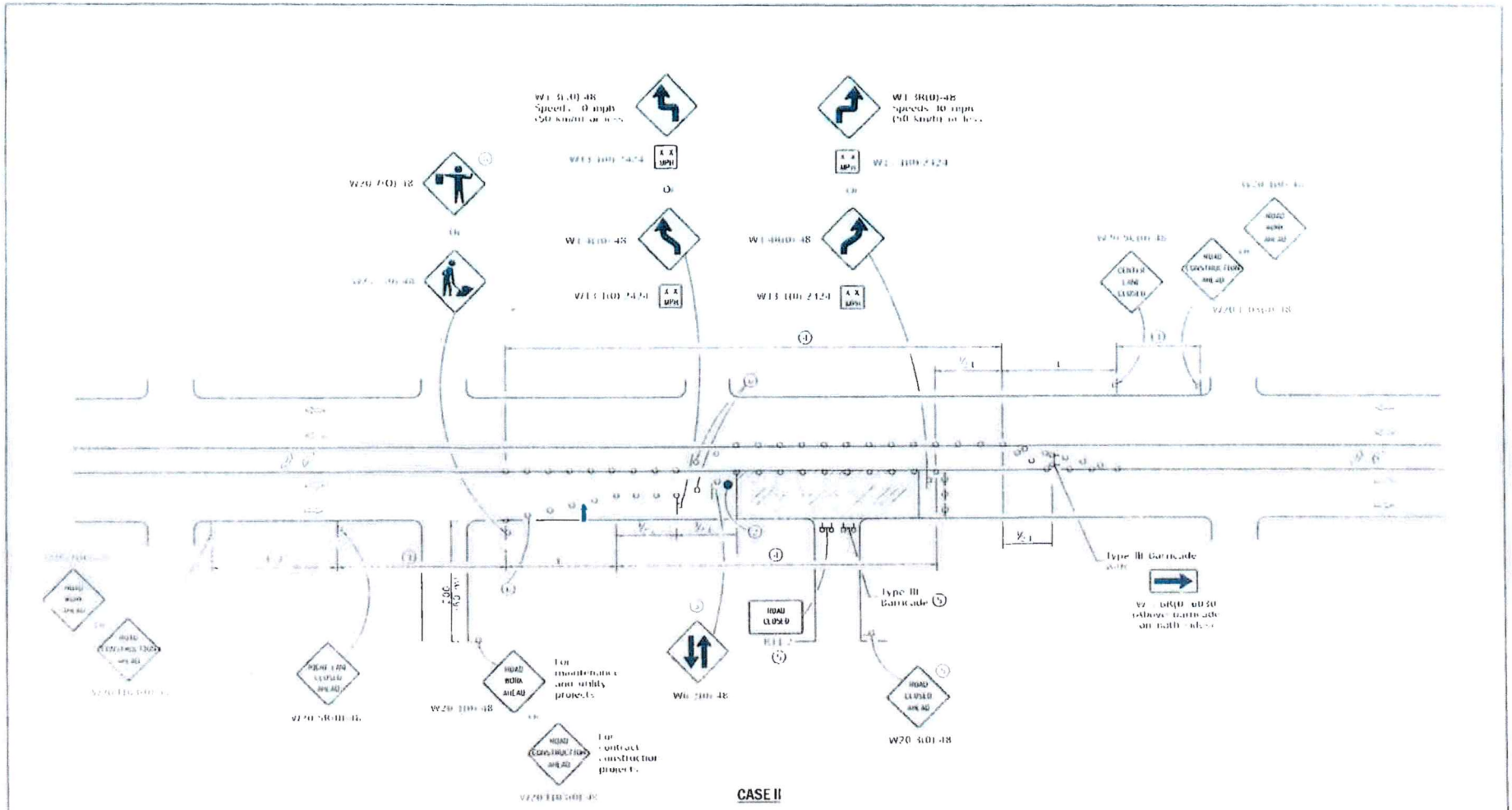
S = Posted speed limit (km/h)

Unless otherwise shown

DATE	REVISIONS
[illegible]	[illegible]
[illegible]	Moved arrow board into [illegible]

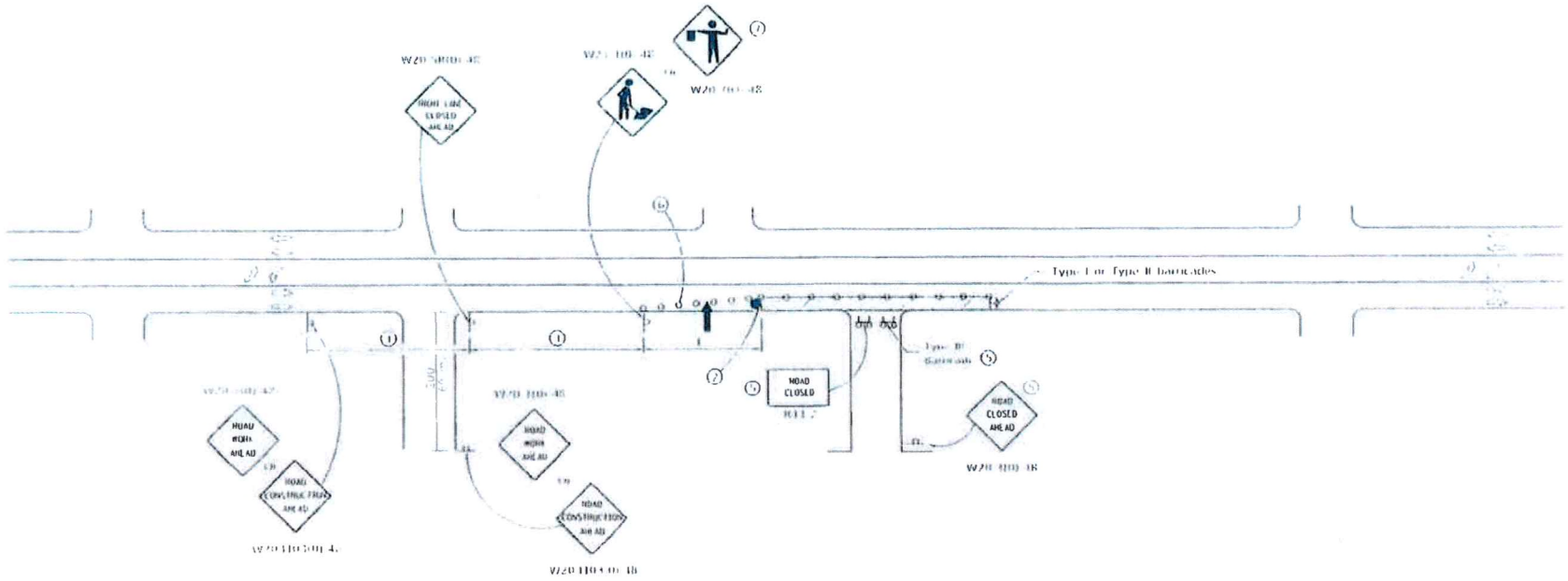
URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

STANDARD 701602-10



URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

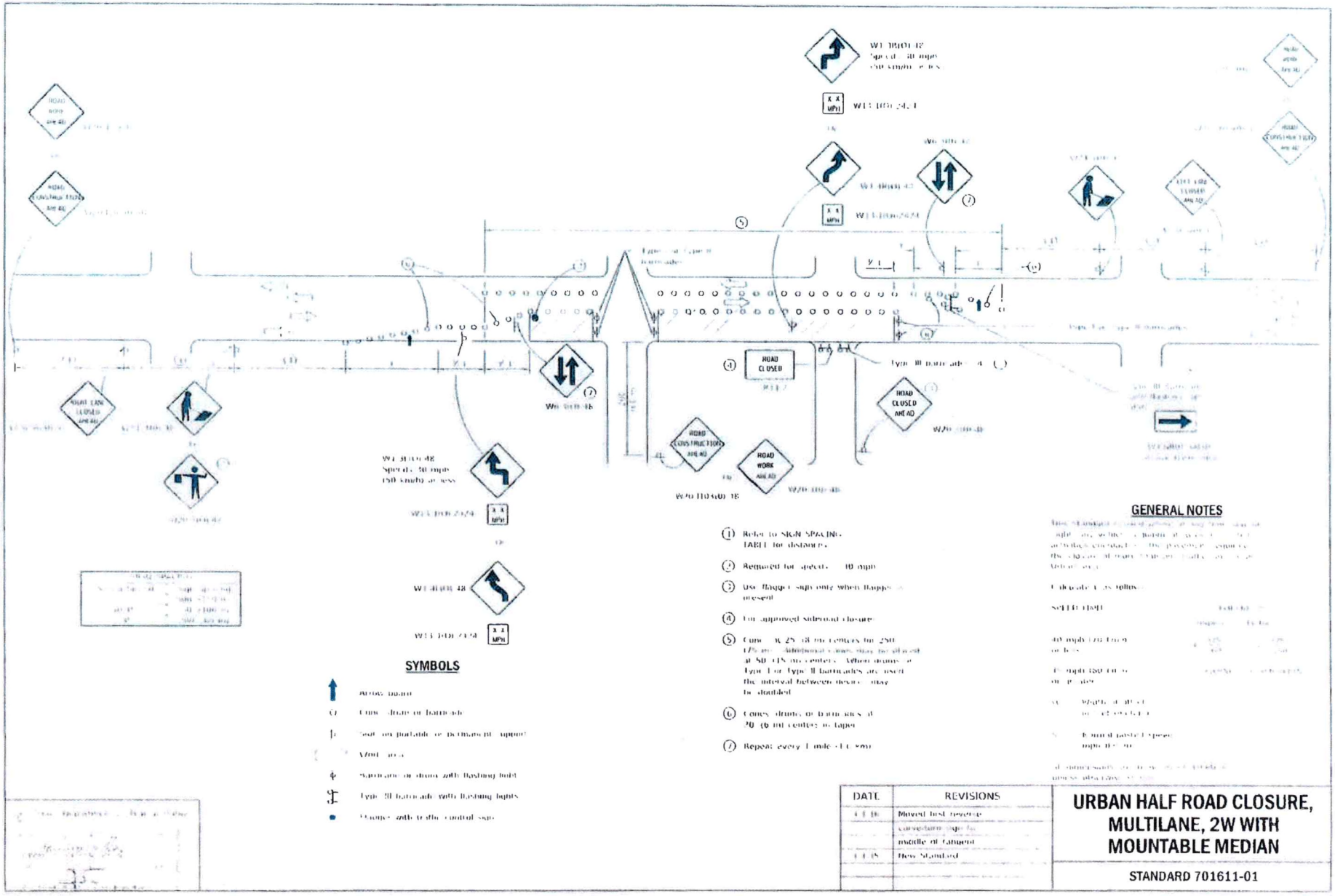
STANDARD 701602-10

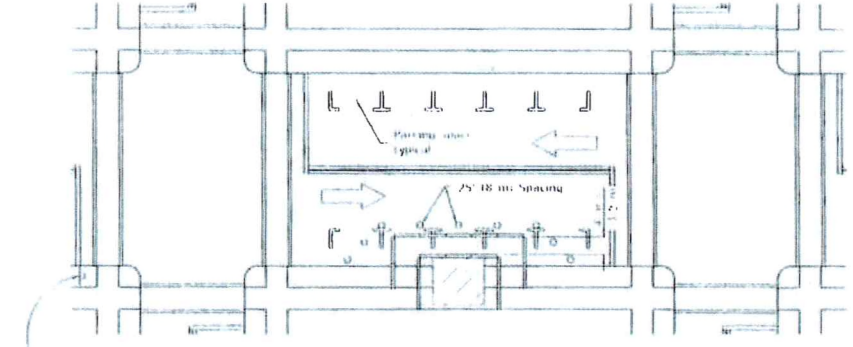


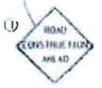
CASE IV

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

STANDARD 701602-10


ROAD CLOSED
ROAD CLOSED AHEAD
ROAD CONSTRUCTION AHEAD
ROAD WORK AHEAD
SYMBOLS
GENERAL NOTES
(1) Refer to SIGN SPACING TABLE for distances.
(2) Required for speeds 40 mph
(3) Use flagger sign only when flagger is present
(4) For approved sidewalk closure
(5) Cone, 36 in (915 mm) cones for 250 ft (75 m) tangent runs may be placed at 50 ft (15 m) centers. When drums or Type I or Type II barricades are used the interval between them may be doubled
(6) Cones, drums, or barricades at 20 ft (6 m) centers as taper
(7) Repeat every 1 mile (1.6 km)
DATE
REVISIONS
Moved first reverse
middle of tangent
New Standard
URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
STANDARD 701611-01





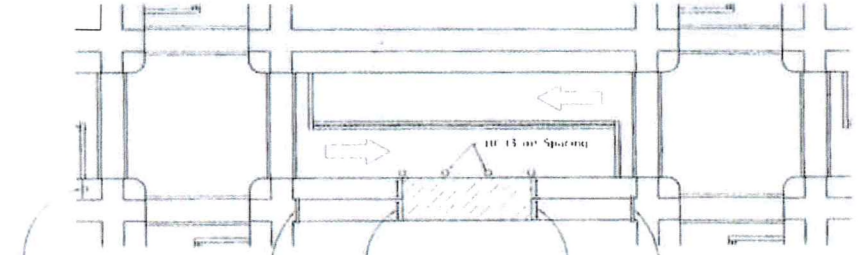
W20-110-48 in
contract
construction
projects

W20-110-48 in
maintenance
and utility
project

SIDEWALK DIVERSION

GENERAL NOTES

SYMBOLS



W20-110-48 in
contract
construction
projects

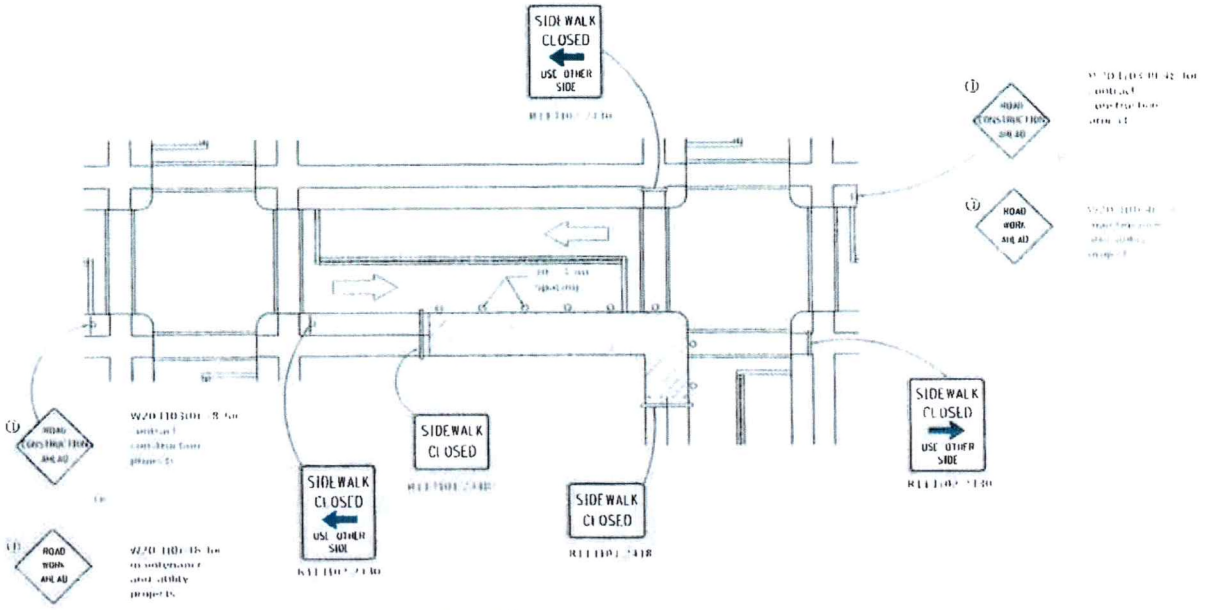
W20-110-48 in
maintenance
and utility
projects

SIDEWALK CLOSURE

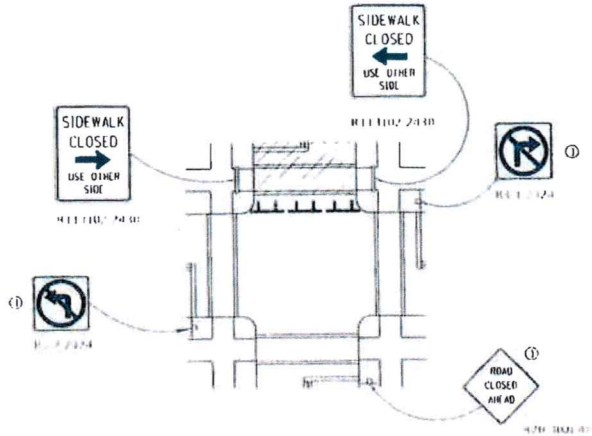
DATE	REVISIONS
4-1-16	Omitted orange safety fence
	Item updated as shown
	covered in the std spec
1-1-17	added SIDEWALK DIVERSION
	Updated appearance of
	plan views. Renamed Std

SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06



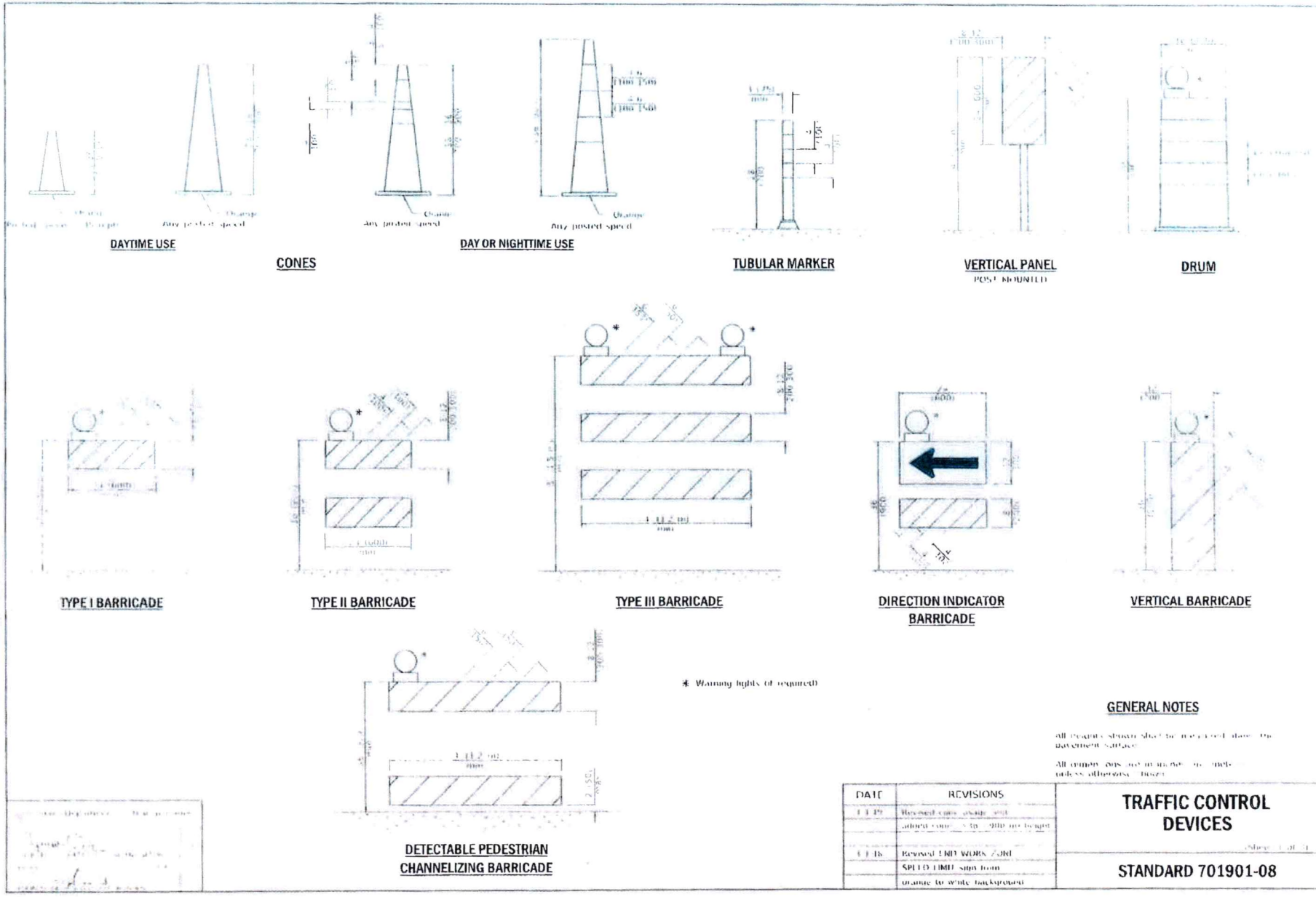
CORNER CLOSURE

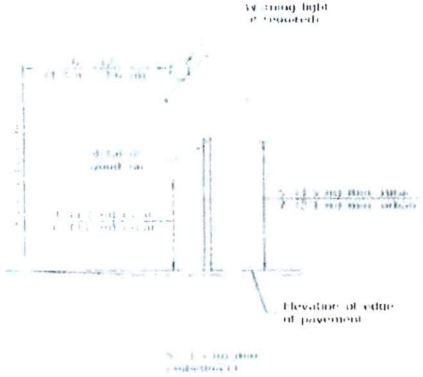


CROSSWALK CLOSURE

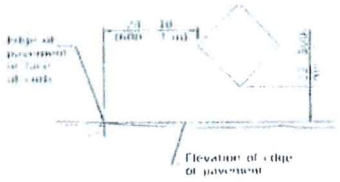
SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06


DAYTIME USE
CONES
DAY OR NIGHTTIME USE
TUBULAR MARKER
VERTICAL PANEL
POST MOUNTED
DRUM
TYPE I BARRICADE
TYPE II BARRICADE
TYPE III BARRICADE
DIRECTION INDICATOR BARRICADE
VERTICAL BARRICADE
DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
* Warning lights if required
GENERAL NOTES
DATE
REVISIONS
Revised LIMIT WORK ZONE
SPEED LIMIT sign from
orange to white background
TRAFFIC CONTROL DEVICES
STANDARD 701901-08

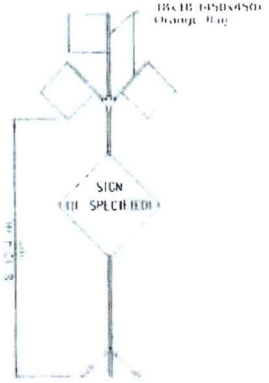


POST MOUNTED SIGNS



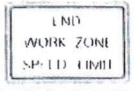
SIGNS ON TEMPORARY SUPPORTS

When work operations exceed one day, this dimension shall be 5' (1.5 m) min. If located behind other device, the height shall be sufficient to be seen completely above the devices.

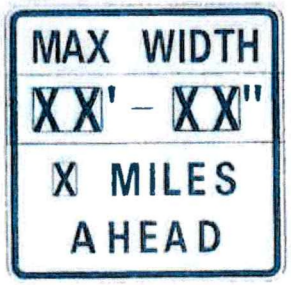


HIGH LEVEL WARNING DEVICE

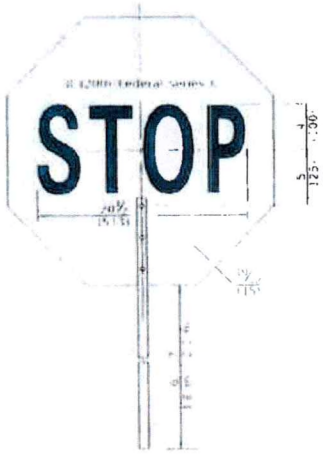
WORK LIMIT SIGNING



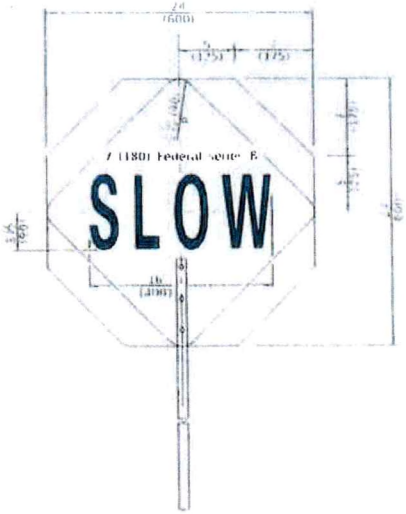
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS



WIDTH RESTRICTION SIGN

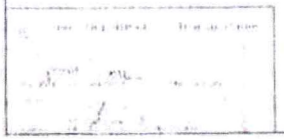


FRONT SIDE



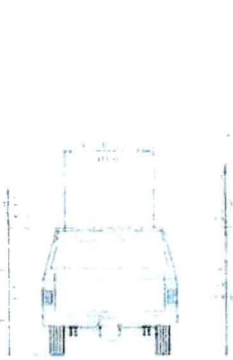
REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

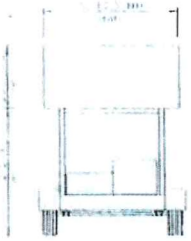


TRAFFIC CONTROL DEVICES

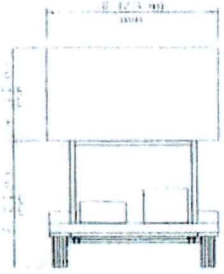
STANDARD 701901-08



TYPE A
ROOF
MOUNTED

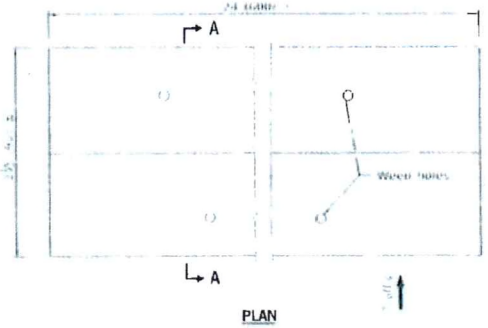


TYPE B
ROOF OR TRAILER
MOUNTED

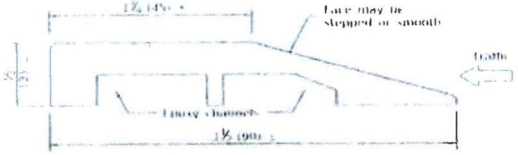


TYPE C
TRAILER
MOUNTED

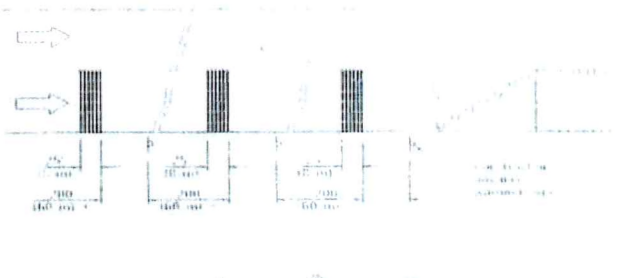
ARROW BOARDS

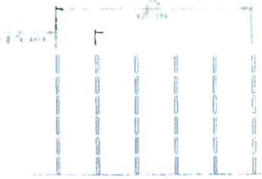


PLAN



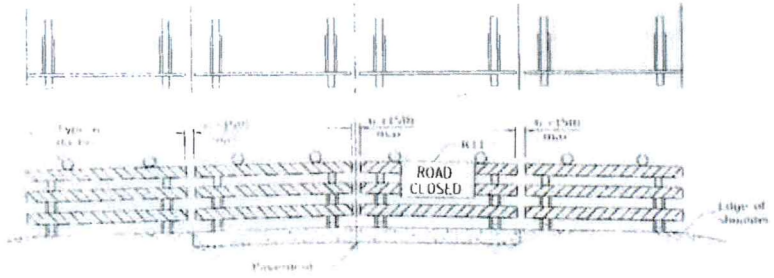
SECTION A-A





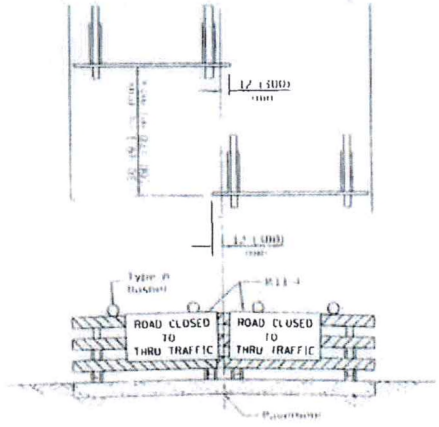
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades if a Type III barricade with an attached sign panel which meets NCHRP 350 is not available. The sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

STANDARD 701901-08

ATTACHMENT D

SPECIAL PROJECT REQUIREMENTS

1. General

The Work under this Contract consists primarily of sidewalk replacement along with limited concrete curb replacements at various locations within the Village. The actual locations and quantities will not be known at the time of bidding, however, it is the intention of the Village to systematically repair defective sidewalk, centralize the work in subdivisions and along arterial/collector streets. The project may also include individual locations throughout the Village. The approximate number of units for each Unit Price Item are estimated based on quantities performed on past projects and what is expected to be completed under this year's project using available funding. The quantities listed are illustrative and not firm or guaranteed.

2. P.C. Concrete Sidewalk Removal and Replacement - 5" – Local Streets

This Work shall consist of saw-cutting, removing and replacing 5" thick and 5' (or 4') wide P.C. Concrete sidewalk segments over existing base using 2" x 6" wooden forms (steel forms of equal rigidity are acceptable for replacements not exceeding 40' if true line and grade can be maintained), sloped 1/4 inch per foot towards the street for positive drainage. **Sidewalk crossing driveways shall be 6" thick.** The Contractor shall be responsible to rework or remove existing base materials or add CA6 aggregate base as needed to establish correct grade and thickness at no extra cost to the contract.

This work will only occur on local village streets excluding State and County right of ways and Village Roads that use IDOT Highway Standards listed in the special provisions for Traffic Control and Protection special provision for Non-Local Roads.

All newly poured concrete shall be struck-off, consolidated and finished to a true and even surface with floats and trowels. The surface shall be grooved every 5 feet at right angles to the centerline, edged with an edging tool, brush finished and sealed with a membrane curing compound as soon as practical without marring the surface. Full depth expansion joints will be required at all locations where the sidewalk abuts existing curb or pavement and at minimum fifty (50) foot intervals in the sidewalk. Sidewalks broken out across driveways must be poured within forty-eight (48) hours to avoid long term inconvenience to the residents.

Handicap walk replacement shall be in accordance with detail included in Attachment C for truncated dome requirements. Prefabricated truncated dome panels as manufactured by Armor-Tile Systems, ADA Solutions or Detectile Corporation shall be installed and **will be supplied by the Village** for any locations encountered on this project.

This work shall be paid for at the Contract Unit Price per square foot for P.C. Concrete Sidewalk Removal and Replacement - 5" – **Local Streets**, which price shall include all saw-cutting, excavation, aggregate base materials, curing compound, expansion joints, installation of Village supplied truncated dome panels, lawn restoration, additional 1" of concrete at driveway crossings and all appurtenances necessary to complete the specified Work.

3. P.C. Concrete Sidewalk Removal and Replacement - 5" – Non-Local Streets

This Work shall consist of saw-cutting, removing and replacing 5" thick and 5' (or 4') wide P.C. Concrete sidewalk segments over existing base using 2" x 6" wooden forms (steel forms of equal rigidity are acceptable for replacements not exceeding 40' if true line and grade can be maintained),

sloped 1/4 inch per foot towards the street for positive drainage. **Sidewalk crossing driveways shall be 6" thick.** The Contractor shall be responsible to rework or remove existing base materials or add CA6 aggregate base as needed to establish correct grade and thickness at no extra cost to the contract.

This work will only occur on non-local Village streets including State and County roads along with some Village Roads that use IDOT Highway Standards listed in the special provision for Traffic Control and Protection for Non-Local Roads.

All newly poured concrete shall be struck-off, consolidated and finished to a true and even surface with floats and trowels. The surface shall be grooved every 5 feet at right angles to the centerline, edged with an edging tool, brush finished and sealed with a membrane curing compound as soon as practical without marring the surface. Full depth expansion joints will be required at all locations where the sidewalk abuts existing curb or pavement and at minimum fifty (50) foot intervals in the sidewalk. Sidewalks broken out across driveways must be poured within forty-eight (48) hours to avoid long term inconvenience to the residents.

For all Non-Local Roads the work will exclude any intersection areas and will not require any ADA panels or ramps.

This work shall be paid for at the Contract Unit Price per square foot for P.C. Concrete Sidewalk Removal and Replacement - 5" – **Non-Local Streets**, which price shall include all saw-cutting, excavation, aggregate base materials, curing compound, expansion joints, installation of Village supplied truncated dome panels, lawn restoration, additional 1" of concrete at driveway crossings and all appurtenances necessary to complete the specified Work.

4. Combination Concrete Curb and Gutter Removal and Replacement, Type M-4.12 & B-6.12

This work shall consist of curb and gutter removal and replacement and installing new concrete curb and gutter to match existing, with two (2) #4 continuous epoxy coated reinforcing bars. Curb and gutter removed adjacent to driveways shall be replaced the following day (weather permitting). In no case shall driveways be left inaccessible over weekends.

Vertical forms shall be used on both front and back of all newly installed curb and gutter unless otherwise directed by the Project Supervisor.

Curbs shall be depressed at all driveways and sidewalks unless otherwise directed by the Project Supervisor.

This work shall be paid for at the Contract Unit Price per lineal foot for Combination Concrete Curb and Gutter Removal and Replacement, which price shall include saw-cutting, curing compound, lawn restoration and all appurtenances necessary to complete the specified Work.

5. Detectable Warnings

This work shall consist of removal and replacement of the existing sidewalk curb ramps as indicated in bid documents and as determine by the Engineer. All work and material for sidewalk curb and detectable warnings shall be in accordance with the applicable portions of Sections 424 and 440 of Standard Specifications and in compliance with American with Disability Act, Accessibility Guidelines (ADAAG).

Sidewalk ramps shall be installed at all street intersections and as determined by the engineer at other locations. All sidewalk ramps shall comply with Village standard and with Section 424.09

of Standard Specifications requirements. Refer to the attached Village standard and detail for plan sheet #10 & 11.

Prefabricated truncated cast iron dome panels as manufactured by ADA Solutions (Village preferred), Armor-Tile Systems or Armorcast Products Company or an approved equal will be supplied and installed by the contractor. Field cutting of detectable warning panels is not allowed and manufactured radial panels are required for curved applications

Sidewalk curb and ramps disturbed during the performance of this project shall be restored as follows: the base shall be restored with compacted crushed stone (CA-6) or original thickness but not less than a minimum thickness of three (3) inches.

Curb ramps shall be a minimum five (5) inches thick. The Contractor shall saw-cut the existing sidewalk at the beginning and end of each section to be removed. All necessary saw-cutting shall be considered included in the contract unit price. A three-fourths (3/4) inch performed expansion joint shall be installed wherever a proposed sidewalk curb ramp abuts an existing concrete sidewalk or combination curb and gutter.

Sidewalk curb ramps will be measured for payment as concrete sidewalk (as indicated in Concrete Sidewalk Replacement special provision). Only the stamped (with truncated domes) areas will be measured for payment as detectable warnings. Unless requested and approved by the Engineer differently, the detectable warnings will be paid per the following criteria:

a. For type A or B single ramp configuration-10.0 square feet (2'x5' area).
b. For type A or B double (corner) ramp confiquration-20.0 square feet (2'x10' area).

All new Portland Cement Concrete sidewalk curb ramps shall be treated with a protective coat application (Articles 420.8, 422.10 and 1023.01) of the Standard Specifications. This cost is incidental to the pay item.

All forms shall be removed from the site, by the Contractor, no more than twenty four (24) hours after form striping. Any excess concrete (on both sides of sidewalk curb and ramp) shall be removed to allow proper backfill and parkway restoration.

Basis of Payment

This work shall be measured in place and paid for at the Contract unit price per square foot for DETECTABLE WARNINGS.

6. Asphalt Pavement Patching – 2"

The contractor shall be responsible for all asphalt pavement restorations required due to sidewalk and curb replacement. Asphalt pavement shall include all driveway and street pavements. Prior to sidewalk or curb removal, the contractor shall saw-cut existing adjacent pavement at a point no more than 2' from the sidewalk/curb unless otherwise directed by the project supervisor. Pavement patching shall consist of adding CA-6 limestone base as needed and placing a compacted 2" layer of asphalt surface mix. The contractor will be required to provide safe access for residents by backfilling all excavated pavements with CA-6 crushed limestone no later than 3 days following installation of new sidewalk or curb. Removal of temporary stone and final pavement restoration must be completed no later than 2 weeks from installation of concrete sidewalk or curb.

Damage to existing driveways beyond the specified limits due to contractor negligence shall be the responsibility of the contractor and will not be eligible for payment. The contractor shall take the

utmost care to limit damage to private driveways and street pavement. **All asphalt work must be performed by a licensed asphalt paving contractor.**

This work shall be paid for at the contract unit price per square yard for Asphalt Pavement Patching – 2" and includes all saw-cutting, asphalt pavement removal, CA6 limestone base and installation and removal of temporary stone.

7. Sodding: A Professional Landscaping Company, pre-approved by the Project Engineer, must perform all permanent sod restoration. This work shall be in accordance with Sections 211 and 252 of the Standard Specifications except as modified herein.

All lawn restoration areas that the Project Engineer deems necessary for sod replacement will be mark out and will be permanently restored using sod. Prior to placing sod the area shall be prepped with 4" pulverized topsoil. Topsoil furnish and placement shall be included in this item and not be paid for separately.

Sod: Use top quality, 12 to 18 month old bluegrass sod consisting of a minimum of 3 varieties of Bluegrass evenly blended, such as Adelphi, Rugby, Glade, Parade or equivalent. Sod shall be ¾-inch thick, 24 inches wide, and 6-feet long with each piece being of uniform size and thickness for proper installation.

Sod shall be properly moist at the time of cutting and shall be laid within 24 hours of cutting to prevent excessive heat buildup. Restoration areas are depicted on the plans. Areas disturbed that are adjacent to the new pavement shall be restored with sod. Any additional sod restoration area shall be approved by the Engineer. The minimum width of the restoration shall be two (2) feet off the edge of the new pavement. Lay sod with ends staggered by a minimum of one (1) foot. Adjust the sod so seams are firmly butted together and curled edges are laid flat. Water thoroughly until subsoil is wet and whenever sod shows signs of drying or wilting. Sprinklers or nozzle hoses are acceptable. Continue watering until the Project is accepted. Watering shall be in accordance with Section 252. Fertilize immediately prior to placement. Fertilizer shall be in accordance with article 252.03 and shall be applied via mechanical spreader. Sod operations shall be repeated until a satisfactory uniform stand of grass is obtained as determined by Northbrook Public Works.

A well-made lawn is desired and the Contractor must perform the Work in accordance with the best lawn making practice. In the absence of rain, all sodded areas must be watered thoroughly. The Contractor must supply a watering truck at no additional cost to the Contract. Contractor shall furnish all hoses, meters, back flow preventers, and any other connections necessary to perform watering needs. The direct use of Northbrook Fire Hydrants will not be permitted for acquiring water for watering the restoration. Water must be obtained at the Village of Northbrook Public Works Center located at 655 Huehl Road where a hydrant meter is set up to monitor the exact amount of water discharged. The contractor is required to properly document all water used when drawing water. There is no fee for water used for this project.

This Work will be paid for at the Contract Unit Price, per square yard, for "Sodding".

8. Lawn Restorations

The Contractor shall use heavy duty plywood or polymer panels made specifically for equipment travel over grass parkways to minimize rutting and other lawn damage.

The Contractor shall be responsible for all lawn restorations directly related to the Work. All lawn areas excavated or disturbed for the placement of concrete forms or equipment shall be backfilled

with topsoil to the top edge of the poured sidewalk, ramp or curb. The topsoil shall be tamped to reduce voids and settlement and the surface fine graded prior to sowing seed. Lawn restorations shall be completed within five (5) business days of the completed concrete pour at each Work Site. **Barricades must remain over all excavated areas until holes are backfilled with topsoil.** Arthur Clesen, Inc.'s "sunny mix" seed or approved equal shall be used for all lawn restorations. The Village reserves the right to withhold partial payment to cover late season lawn restorations that are not fully established during the current growing season and need a second application of topsoil and seed in the spring.

The cost for this work shall be considered incidental to the Unit Price Items contained in this Contract.

9. Sprinkler Systems, Fences & Other Surface Structures

All lawn sprinkler systems, fences, adjacent lawn and pavement areas and other surface structures shall be protected during the performance of the Work. All said items that are moved or damaged due to the performance of the Work shall be repaired and/or replaced within five (5) business days at the Contractor's expense. No additional compensation will be allowed.

10. Traffic Control and Protection Special

This work shall be done in accordance with applicable portions of Section 701 of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", and any details and Highway Standards contained in the Plans and Special Provisions, and the Special Provisions contained herein, except as modified herein.

Furnishing, installing, maintaining, relocating and removing all traffic control devices (Type 1 barricades) equipped with **flashing yellow lights** used for the purpose of regulating, warning or directing pedestrian or vehicular traffic during construction shall be considered incidental to the cost of the Contract. The Contractor shall be responsible for flaggers required during the Work in order to regulate and maintain 2-way traffic in the vicinity of the Work.

All traffic control devices used on this project must conform to the "Standards Specifications for Traffic Control Devices for Streets and Highways". Barricades without flashing yellow lights will be rejected and must be replaced immediately.

Special Attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards contained herein, relating to traffic control.

HIGHWAY STANDARDS: See Attachment C

The Contractor shall contact the Village at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets will be open to emergency traffic and accessible as required to local traffic. At least 24 hour advanced notice shall be provided to residents, police, fire, school districts and trash haulers when access is going to be limited. Removal and replacement of curb and gutter and driveway shall be planned so as to minimize the driveway outage duration. The work shall be accomplished such that the streets will be open to traffic at the end of each working day.`

Access by emergency vehicles and school busses through the job sites shall be of major and continuous consideration in the Contractor's scheduling and sequence of operations.

Basis of Payment
This Work will not be paid for separately, but shall be considered incidental to the Unit Price for P.C. Concrete Sidewalk Removal and Replacement - 5" Local Streets and P.C. Concrete Sidewalk Removal and Replacement - 5" Non-Local Streets.

11. Saw-Cutting

This Work shall consist of saw-cutting and scoring control joints on existing concrete sidewalks, pavements, driveways or curb and gutters to a sufficient depth to ensure a clean break at the time of removal. The concrete slurry must be cleaned off with water/broom.

This Work will not be paid for separately, but shall be considered incidental to the Unit Price Items contained in this Contract.

12. Excavation Material

All excavation material shall be promptly and directly placed in dump trucks thereby reducing restoration to lawn areas. Lawful disposal of excavation materials shall be considered incidental to the cost of the Contract.

13. Trees

The Contractor shall use the utmost caution when working near parkway trees to avoid damage to the trunk, branches and root system. Contractor will be held responsible for the full cost to replace any trees damaged due to negligent operations.

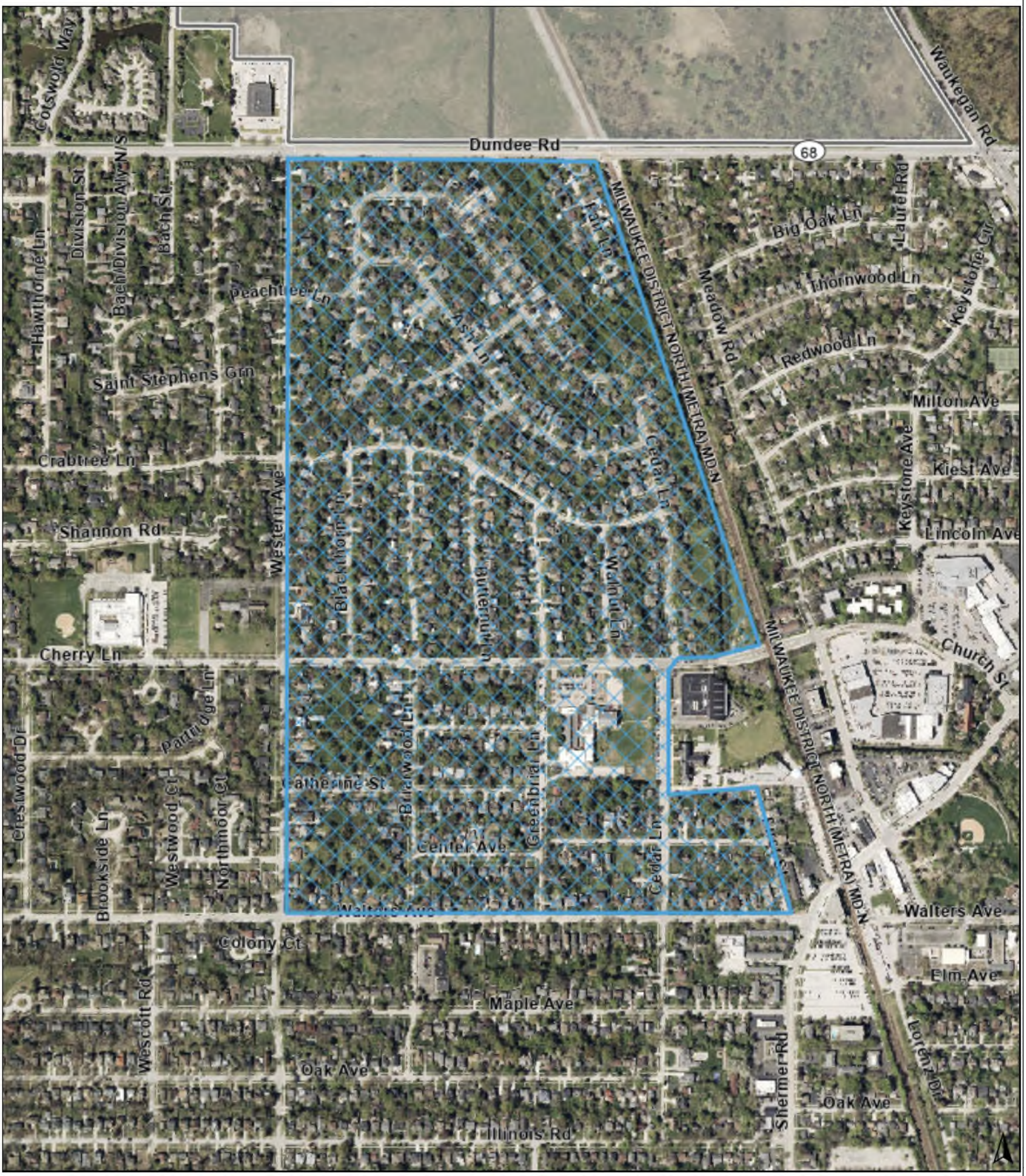
Tree trimming for clearance of construction equipment and major root removal shall only be done under the authorization of the Project Engineer and shall be incidental to the cost of the Contract.

Root pruning of trees will be performed by Village crews where necessary prior to removal and replacement of the sidewalk. The Village will make every effort to have all root pruning completed before commencement of the project, however, should simultaneous operations be required, the contractor shall work with the Village to coordinate schedules. Root pruning is essential to help limit damage to parkway trees from sidewalk replacement operations and minimize future damage to new sidewalk.

14. Renewal for Subsequent Project Years

Owner reserves the right, but shall be under no obligation, to offer to renew this Contract with Contractor for up to three additional project years (2027, 2028) on an annual basis with cost adjustments not exceeding the annual percentage increase in the Chicago Consumer Price Index for all urban consumers for the previous twelve month period. The total contract adjustment at any adjustment period may not exceed the Chicago Consumer Price Index from the date of the contract.

Owner shall notify Contractor of his desire to renew the Contract for an additional project year on or about March 1st of that project year. Contractor shall notify Owner not later than March 15th whether or not he will enter into a renewal of the Contract with Owner at the adjusted Unit Prices for that year. Note quantities will vary each year. The Village expects to be able to provide the total project budget in the renewal letter. A renewal of the contract will require renewal of insurance, insurance of new bonds, and contractor obtaining new Cook County permits and bonds. All requirements of the contract are still in effect. Contractor must pay the current prevailing wage.



Capital Improvement Projects

Neighborhood Sidewalk Improvements

FY 26/27

GIS Consortium

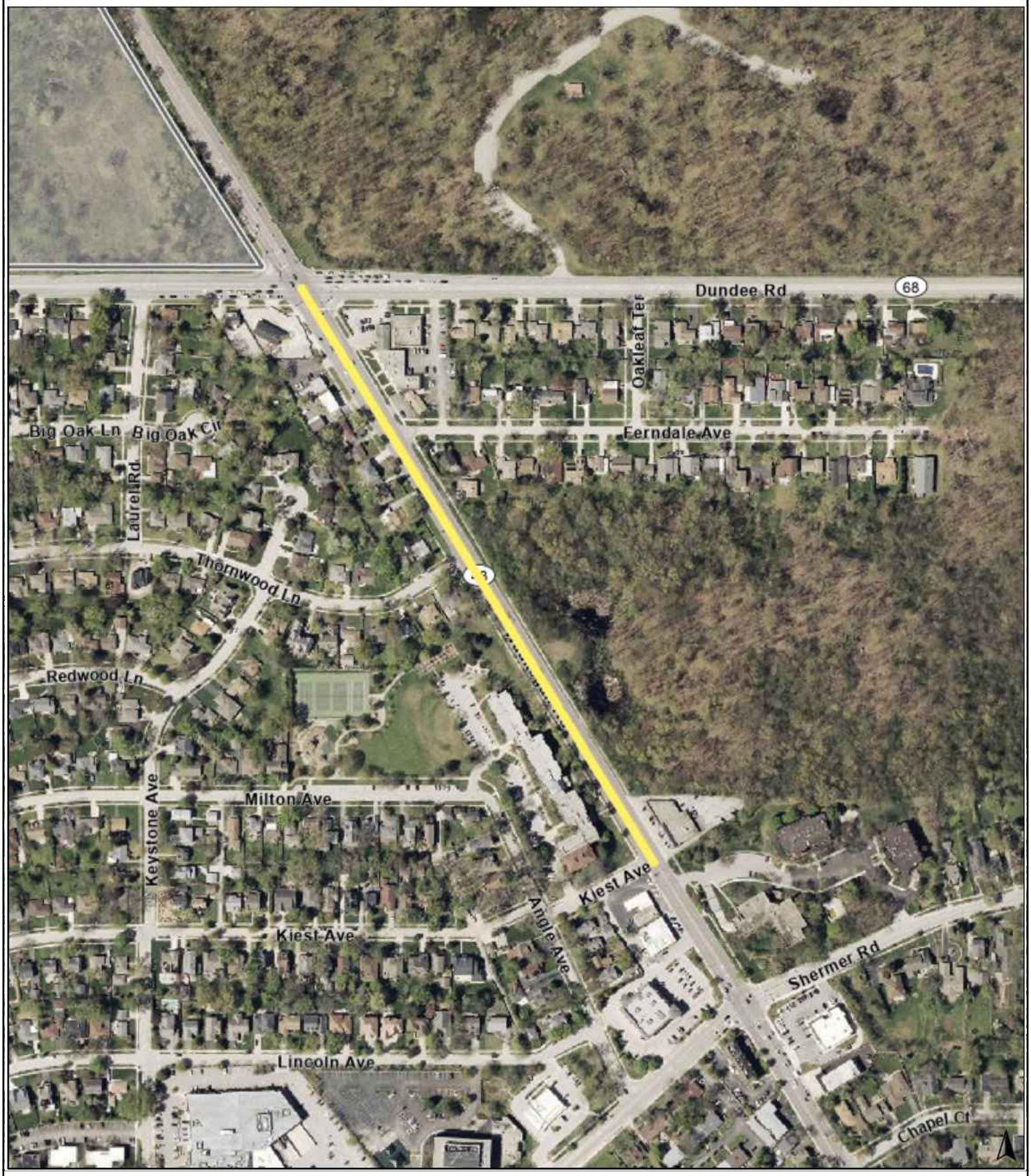
N

0 225 450 900

Feet

260

6/13/2025



Capital Improvement Projects

Arterial Sidewalk

FY 26/27

GIS Consortium

N

0 150 300 600

Feet

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing the Purchase and Installation of 260 Trees through the Suburban Tree Consortium for the 2026 Spring Parkway Tree Planting Program

Overview

The 2026 Spring program includes planting new trees, replacing some parkway trees, planting trees for participants in the cost-sharing program, and planting trees on public property funded by developers.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides funding in the General Fund Account No. 11-4100-531-80 (Climate Action Plan Forestry Expenses) and the Developer's Parkway Tree Escrow Account No. 61-0000-212-04 for the 2026 Spring Parkway Tree Planting Program, which will support the planting of 260 trees, at a total spending authority of $130,000. Funds will be drawn from these accounts as needed at rates outlined in Exhibit A.

Account	Account No.	Budget	Available	Requested	Remaining	Within Budget
General Fund - Climate Action Plan Forestry Expenses	11-4100-531-80	$453,600	$356,900	$125,000	$231,900	Yes
Developer's Parkway Tree Escrow	61-0000-212-04	N/A	$9,131	$5,000	$4,131	Yes

Recommendation

Approval.

Background

As part of its on-going forestry program, the Village of Northbrook plants parkway trees in

locations where a tree has been removed and to promote the quantity and diversity of trees in the Village's parkway tree population. Trees can be removed due to disease, infestation, utility maintenance, storm damage, property development, or other reasons.

Since 2008, the Village has participated in the Suburban Tree Consortium (STC), which is a coalition of 50 municipalities created to jointly purchase and plant parkway trees. Participation in the STC gives the Village access to competitive prices and a wider variety of high-quality parkway trees which can be planted in the spring or fall. Conducting spring and fall plantings allows the Village to replace the removed trees more quickly and provides more opportunities for residents to participate in the Village's parkway tree cost sharing program.

Residents participating in the program currently contribute $175 toward the planting of a parkway tree at their property. Funding for this program is taken from the General Fund Climate Action Plan (CAP) Forestry Expenses Account, General Fund Fee In-Lieu of Reforestation Account and Escrow Fund Developer's Parkway Tree Fees Account. The General Fund Fee In-Lieu of Reforestation Account is funded by fees collected from property owners and developers who elect to remove trees from their private property, but do not meet the required replanting obligation. These funds are used exclusively for replanting trees on public property within the Village. Developers are often required to plant trees in the public parkway as part of their building permit. The Developer's Parkway Tree Fee Escrow Account was established to collect the funds for planting trees under this program, ensuring quality trees are selected, planted and properly maintained.

The 2026 Spring Parkway Tree Planting Program includes planting a total of 260 trees. The trees being planted include miscellaneous parkway tree replacements (including warranty replacements), 25 for developer obligations and 42 for participants of the cost-sharing program, for a total of 67 new trees.

Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing the Purchase and Installation of 260 Trees through the Suburban Tree Consortium for the 2026 Spring Parkway Tree Planting Program
Exhibit A - STC Pricing for 2026 Spring Parkway Tree Planting Program
Supplemental Information - FY 2026-27 Parkway Tree Planting Map

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Purchase and Installation of 260 Trees through the Suburban Tree Consortium for the 2026 Spring Parkway Tree Planting Program

is hereby adopted, as follows:

Section 1. Recitals

The Village of Northbrook plants parkway trees in locations where trees have been removed due to disease, infestation, utility maintenance, storm damage, property development or other reasons. This year's Spring program will involve the planting of 260 parkway trees ("***2026 Spring Parkway Tree Planting Program***").

The Village of Northbrook is a member of the Suburban Tree Consortium ("***STC***"), a coalition of 50 municipalities created to jointly purchase parkway trees. Participation in the STC gives the Village of Northbrook access to competitive prices and a wider variety of high-quality parkway trees, which can be planted in the spring and fall. The purchasing process used by the STC satisfies the competitive bidding requirements of state law and the Village's purchasing policy.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in General Fund Account No. 11-4100-531-80 (Climate Action Plan Forestry Expenses) and the Developer's Parkway Tree Escrow Account No. 61-0000-212-04 for the 2026 Spring Parkway Tree Planting Program, which will support the planting of 260 trees, at a total spending authority of $130,000. Funds will be drawn from these accounts as needed at rates outlined in ***Exhibit A***.

The President and the Board of Trustees have reviewed these expenditures and have determined that it is in the best interests of the Village and the public to approve the expenditure.

Section 2. Authorization to Procure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the trees for the 2026 Spring Parkway Tree Planting Program at the rates outlined in ***Exhibit A*** and for a total spending authority of $130,000.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Deputy Village Clerk

Doty Nurseries LLC

DOTY NURSERIES	Planting Season	Fall 2025/Spring 2026				Fall 2026/Spring 2027				Fall 2027/Spring 2028				Fall 2028/Spring 2029				Fall 2029/Spring 2030			
Common Name		2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
Armstrong Gold® Maple	spr					280				280				290				295			
Autumn Blaze® Freeman Maple	spr / fall	250	285			270	305			275	305			275	305			280	310		
Marmo Freeman Maple	spr / fall	250				270				275				275				275			
State Street® Maple	spr / fall	255				275				275				280				285			
Red Pointe® Maple	spring	250	285			270	305			275	305			280	310			285	315		
Crescendo™ Sugar Maple	spr / fall	260				280				280				285				290	325		
Fall Fiesta Sugar Maple	spr/fall									280				285				290	325		
Green Mountain® Sugar Maple	spr / fall	260				280				280				285							
Autumn Splendor Horsechestnut	spring	350				380				380				380				385			
American Hornbeam	spring													285				290			
Northern Catalpa	spr / fall	209	258			225	278			225	278			230	278			230	280		
Common Hackberry	spr / fall	240				260				260				260				265			
American Beech	spring	345				370				370				380				380			
Princeton Sentry Ginkgo	spr / fall		390				405				405			415				415			
Skyline® Honeylocust	spr / fall	245				264				264				268				270			
Kentucky Coffee Tree	spr / fall	255	288			275	310			275	310			275	315			280	320		
Espresso™ Kentucky Coffee Tree	spr / fall	268				288				288				288				290			
True North Kentucky Coffee Tree	spr/fall									288				288							
Exclamation™ Planetree	spring	245				250				250				255				260			
White Oak	spring	300				315				315				315				320			
Swamp White Oak	spring	278				300				300				305				310			
Bur Oak	spring	278				300				300				305				310			
Chinkapin Oak	spring					300				300				305				310			
Regal Prince Oak	spring	278				300				300				305				310			
Red Oak	spring	278	315			300	340			300	340			305	345			310	355		
Black Locust	spr / fall	270				290				290				295							
Common Baldcypress	spring	245	275			260	295			260	295			260	295			265			
American Sentry Linden	spr / fall	240				260				260				265				265			
Redmond Linden	spr / fall	240				260				260				265				265	295		
Greenspire® Littleleaf Linden	spr / fall	240				260				260				265				265			
Princeton American Elm	spr / fall	252				260				260				260				265			
Accolade® Elm	spr / fall	252				260				260				260				265			
Paperbark Maple	spr/fall									385				385				395			
Autumn Brilliance Serviceberry	spr / fall	268				290				290				295				300			
Spring Flurry Serviceberry	spr / fall	268				290				290				295				300			
River Birch	spring	214				225				225				230				240			
Thornless Hawthorn	spring	210				235				235				240				245			
Floribunda Crabapple	spr / fall	190				200				200				205				215			
Red Jewel™ Crabapple	spr / fall	200	230			215	245				245			215	245			220	250		
Royal Raindrops® Crabapple	spr / fall		230				245				245			215	245			220	250		
Golden Raindrops® Crabapple	spr / fall		230				245				245			215				220			
Starlite Crabapple	spr/fall	210				220				220				230				235			
Majestic Black Gum	spring													305				315			
China Snow Pekin Lilac	spr / fall		260				285				285				290				295		
Beijing Gold Lilac	spr / fall	260				265				265					290				295		
Ivory Silk Lilac	spr / fall		295				305				305				305				310		

GOODMARK NURSERIES, LLC.

Phone: 815-653-9293
Cell 630-461-3050
Fax: 815-728-0977

CONSORTIUM PRICING

BOTANICAL NAME	COMMON NAME	Fall 2025/Spring 2026			Fall 2026/Spring 2027			Fall 2027/Spring 2028			Fall 2028/Spring 2029			Fall 2029/Spring 2030		
		2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
Acer campestre	Maple, Hedge	175	204	0	184	214	0	193	225	0	199	231.7	0	205	238.6	0
Acer freemanii 'Autumn Blaze'	Maple, Autumn Blaze	179	209	234	188	219	246	197	230	258	203	237	266	209	244	274
Acer freemanii 'Firefall'	Maple, Firefall	179	209	0	188	219	0	197	230	0	203	237	0	209	244	0
Acer freemanii 'Marmo'	Maple, Marmo	179	209	234	188	219	246	197	230	258	203	237	266	209	244	274
Acer freemanii 'Sienna Glen'	Maple, Sienna Glen	179	209	234	188	219	246	197	230	258	203	237	266	209	244	274
Acer miyabei 'Morton'	Maple, State Street	183	213	250	192	224	263	202	235	276	208	242	284	214	249	292
Acer rubrum 'Bowhall'	Maple, Bowhall Red	183	213	0	192	224	0	202	235	0	208	242	0	214	249	0
Acer rubrum 'Red Pointe'	Maple, Red Pointe	183	213	250	192	224	263	202	235	276	208	242	284	214	249	292
Acer rubrum 'Sun Valley'	Maple, Sun Valley Red	175	204	238	184	214	250	193	225	262	199	232	270	205	239	278
Acer rubrum (A. x freemanii) 'Armstrong Gold'	Maple, Armstrong Gold	183	213	250	192	224	263	202	235	276	208	242	284	214	249	292
Acer saccharum 'Fall Fiesta'	Maple, Fall Fiesta Sugar	198	0	0	208	0	0	218	0	0	225	0	0	231	0	0
Acer saccharum 'Green Mountain'	Maple, Green Mountain Sugar	198	0	0	208	0	0	218	0	0	225	0	0	231	0	0
Acer saccharum 'Morton'	Maple, Crescendo Sugar	198	0	0	208	0	0	218	0	0	225	0	0	231	0	0
Acre truncatum x platanodies 'JFS-KW 202'	Maple, Crimson Sunset	188	0	0	198	0	0	208	0	0	214	0	0	220	0	0
Aesculus	Horsechestnut/Buckeye	206	0	0	216	0	0	227	0	0	234	0	0	241	0	0
Amelanchier grandiflora 'Autumn Brilliance'	Serviceberry, Autumn Brilliance Apple	193	0	0	202	0	0	212	0	0	219	0	0	225	0	0
Amelanchier laevis 'Cumulus'	Serviceberry, Cumulus	193	0	0	202	0	0	212	0	0	219	0	0	225	0	0
Amelanchier laevis 'JFS-Arb'	Serviceberry, Spring Flurry Allegheny	193	0	0	202	0	0	212	0	0	219	0	0	225	0	0
Betula nigra	Birch, Heritage River	181	210	245	191	221	257	200	232	270	206	239	278	212	246	287
Carpinus betulus 'Fastigiata'	Hornbeam, Pyramidal European	188	224	250	198	235	263	208	246	276	214	254	284	220	261	292
Carpinus caroliniana	Hornbeam, American	188	0	0	198	0	0	208	0	0	214	0	0	220	0	0
Celtis occidentalis	Hackberry, Common	187	237	258	197	249	270	207	261	284	213	269	292	219	277	301
Celtis occidentalis x laevigata-Magnifica	Hackberry, Magnifica	199	0	0	209	0	0	219	0	0	226	0	0	233	0	0
Cercis canadensis	Eastern Redbud	208		0	218	0	0	229	0	0	236	0	0	243	0	0
Cladrastis kentukea	Yellowwood, American	198	232	0	208	243	0	218	256	0	225	263	0	231	271	0
Cornus mas 'Golden Glory'	Dogwood, Golden Glory Cornelian Cherry	176	0	0	184	0	0	194	0	0	199	0	0	205	0	0
Crataegus crusgalli var. inermis	Hawthorn, Thornless Cockspur	180	0	0	189	0	0	199	0	0	204	0	0	211	0	0
Crataegus viridis 'Winter King'	Hawthorn, Winter King	180	219	250	189	230	263	199	242	276	204	249	284	211	257	292
Fagus sylvatica 'Atropunicea'	Beech, European Purple LB	251	0	0	264	0	0	277	0	0	285	0	0	294	0	0
Ginkgo biloba 'Autumn Gold'	Ginkgo, Autumn Gold Maidenhair Tree	290	340	0	305	357	0	320	375	0	329	386	0	339	398	0
Ginkgo biloba 'Golden Columnade'	Ginkgo, Golden Columnade	290	340	0	305	357	0	320	375	0	329	386	0	339	398	0
Ginkgo biloba 'Princeton Sentry'	Ginkgo, Princeton Sentry Maidenhair Tree	290	340	381	305	357	400	320	375	420	329	386	433	339	398	446
Ginkgo biloba 'The President'	Ginkgo, The President Maidenhair Tree	290	340	0	305	357	0	320	375	0	329	386	0	339	398	0
Gleditsia triacanthos inermis 'Draves'	Locust, Street Keeper	183	217	0	192	228	0	202	239	0	208	246	0	214	254	0
Gleditsia triacanthos inermis 'Impcole'	Locust, Imperial	183	217	255	192	228	268	202	239	281	208	246	290	214	254	298
Gleditsia triacanthos inermis 'Harve'	Locust, Northern Acclaim	183	217	255	192	228	268	202	239	281	208	246	290	214	254	298
Gleditsia triacanthos inermis 'Shademaster'	Locust, Shademaster	183	217	255	192	228	268	202	239	281	208	246	290	214	254	298
Gleditsia triacanthos var. inermis 'Skycole'	Locust, Skyline	183	217	255	192	228	268	202	239	281	208	246	290	214	254	298
Gymnocladus dioicus	Kentucky Coffee Tree	203	238	275	213	250	289	224	262	303	231	270	312	237	278	322
Gymnocladus dioicus 'Espresso'	Kentucky Coffee Tree Espresso	203	238	0	213	250	0	224	262	0	231	270	0	237	278	0

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CONSORTIUM PRICING

BOTANICAL NAME	COMMON NAME	Fall 2025/Spring 2026				Fall 2026/Spring 2027			Fall 2027/Spring 2028			Fall 2028/Spring 2029			Fall 2029/Spring 2030		
Liriodendron tulipifera 'JFS-Oz'	Tulip Tree, Emerald City	203	238	0		213	250	0	224	262	0	231	270	0	237	278	0
Liriodendron tulipifera	Tulip Tree	203	238	0		213	250	0	224	262	0	230	270	0	237	278	0
Maclura pomifera 'White Shield'	Osage Orange, White Shield	198		0		208	0	0	218	0	0	225	0	0	231	0	0
		2.0"	2.5"	3.0"		2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
Malus 'Adirondack'	Crab, Adirondack	155	190		#	163	200	0	171	209	0	176	216	0	182	222	0
Malus 'JFS-KW5'	Crab, Royal Raindrops	155	190	204		163	200	214	171	210	225	176	217	232	182	223	239
Malus 'Prairiefire'	Crab, Prairiefire	155	190	0		163	200	0	171	210	0	177	216	0	182	223	0
Malus 'Purple Prince'	Crab, Purple Prince	155	190	0		163	200	0	171	210	0	177	216	0	182	223	0
Malus 'Shotizam'	Crab, Showtime	155	190	266		163	200	280	171	210	294	176	216	302	182	222	311
Malus 'Spring Snow'	Crab, Spring Snow	155	190	0		163	200	0	171	210	0	177	216	0	182	223	0
Nyssa sylvatica	Black Tupelo	257		0		270	0	0	283	0	0	292	0	0	300	0	0
Phellodendron amurense 'Eye Stopper'	Cork Tree, Eye Stopper	208	281	305		218	295	320	229	309	336	236	319	346	243	328	357
Platanus x acerifolia 'Morton Circle'	London Plane Tree, Exclamation	175	204	238		184	214	250	193	225	262	199	232	270	205	239	278
Prunus virginiana 'Schubert'	Chokecherry, Schubert or Canada Red	187	213	238		196	224	250	206	235	262	212	242	270	219	249	278
Quercus alba	Oak, White	201	0	0		211	0	0	221	0	0	228	0	0	235	0	0
Quercus bicolor	Oak, Swamp White	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus coccinea	Oak, Scarlet	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus ellipsoidalis 'Norther Pin'	Oak, Northern Pin	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus imbricaria	Oak, Shingle	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus macrocarpa	Oak, Bur	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus muehlenbergii	Oak, Chinkapin	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus robur	Oak, Heritage	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus robur 'Long'	Oak, Regal Prince English	201	241	263		211	253	276	221	266	290	228	274	298	235	282	307
Quercus rubra	Oak, Northern Red	201	241	0		211	253	0	221	266	0	228	274	0	235	282	0
Syringa pekinensis 'Morton'	Lilac, China Snow Peking	188	0	0		198	0	0	208	0	0	214	0	0	220	0	0
Syringa pekinensis 'Zhang Zhiming'	Lilac, Beijing Gold	188	0	0		198	0	0	208	0	0	214	0	0	220	0	0
Syringa reticulata 'Ivory Silk'	Lilac, Ivory Silk Japanese Tree	188	241	275		198	253	289	208	266	303	214	274	312	220	282	322
Tilia americana 'Redmond'	Linden, Redmond American	193	224	240		202	235	252	212	246	265	219	254	273	225	261	281
Tilia americana 'McKSentry'	Linden, American Sentry	193	224	240		202	235	252	212	246	265	219	254	273	225	261	281
Tilia cordata 'Greenspire'	Linden, Greenspire	193	224	240		202	235	252	212	246	265	219	254	273	225	261	281
Tilia tomentosa 'Sterling'	Linden, Sterling Silver	193	224	0		202	235	0	212	246	0	219	254	0	225	261	0
Ulmus 'Morton Glossy'	Elm, Triumph	167	198	258		175	208	270	184	218	284	189	225	292	195	231	301
Ulmus 'Morton'	Elm, Accolade	167	198	258		175	208	270	184	218	284	189	225	292	195	231	301
Ulmus americana 'Princeton'	Elm, Princeton	167	198	258		175	208	270	184	218	284	189	225	292	195	231	301
Ulmus carpinifolia 'New Horizon'	Elm, New Horizon Smoothleaf	167	198	258		175	208	270	184	218	284	189	225	292	195	231	301
Ulmus parvifolia 'Frontier'	Elm Frontier	167	198	0		175	208	0	184	218	0	189	225	0	195	231	0
Zelkova serrata 'Musashino'	Zelkova, Musashino	199	229	0		209	240	0	219	252	0	226	260	0	233	268	0
Zelkova serrata 'Green Vase'	Zelkova, Green Vase	199	229	275		209	240		219	252		226	260		233	268	

Semi delivery charge
$150.00 per hour

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CONSORTIUM PRICING

BOTANICAL NAME	COMMON NAME	Fall 2025/Spring 2026	Fall 2026/Spring 2027	Fall 2027/Spring 2028	Fall 2028/Spring 2029	Fall 2029/Spring 2030
Customer is responsible to have unloading crew and equipment on site						

HINSDALE NURSERIES 5 YEAR PRICING FALL 29/SPRING 30			Fall25/Spring26				Fall26/Spring27				Fall27/Spring28				Fall28/Spring29				Fall29/Spring30			
COMMON NAME	SCIENTIFIC/ CULTIVARS	PLANTING SEASON	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
State Street Miyabe Maple	Acer miyabei 'Morton'	Spring/Fall	240	279	321	372	240	279	321	372	252	293	337	391	252	293	337	391	257	299	344	399
Green Column Black Maple	Acer nigrum 'Green Column'	Spring/Fall	258	297	342	383	258	297	342	383	271	312	359	402	271	312	359	402	276	318	366	410
Columnar Norway Maple	Acer platanoides 'Columnare'	Spring/Fall	216	245	310	335	222	252	319	345	233	265	335	362	238	270	340	370	243	275	347	377
Emerald Lustre Norway Maple	Acer platanoides Emerald Lustre®	Spring/Fall	216	245	310	335	222	252	319	345	233	265	335	362	238	270	340	370	243	275	347	377
Armstrong Gold Maple	Acer rubrum 'Armstrong Gold'	Spring	230	265	316	339	237	273	316	359												
Red Sunset Red Maple	Acer rubrum Red Sunset™	Spring	228	252	301	335	228	252	301	335												
Redpoint Red Maple	Acer rubrum 'Redpoint'™	Spring	243	269	322	353	243	269	322	353	255	282	338	371	255	282	338	371	260	288	345	378
Sun Valley Red Maple	Acer rubrum 'Sun Valley'	Spring	228	252	301	335	228	252	301	335	239	265	316	352	244	269	306	340	249	274	312	347
Crimson Sunset Maple	Acer truncatum 'Crimson Sunset'	Spring/Fall	240	279	324	372	247	287	334	383	259	301	351	402	259	301	351	402	264	307	358	410
Crescendo Sugar Maple	Acer saccharum 'Crescendo'	Spring/Fall	233	261	315	343	240	269	324	353	252	282	340	371	252	287	345	380	257	293	352	388
Fall Fiesta Sugar Maple	Acer saccharum 'Bailsta'	Spring/Fall	233	261			240	269	324		252	282	340	371	252	287	345	380	257	293	352	388
Autumn Blaze Freeman Maple	Acer x freemanii 'Autumn Blaze'	Spring/Fall	229	253	303	332	235	261	312	342	235	261	312	342	240	267	319	350	245	272	325	357
Armstrong Freeman maple	Acer x freemanii 'Armstrong'	Spring/Fall	229	253	303	332	237	273	316	359	249	287	332	377	249	287	332	377	254	293	339	385
Marmo Freeman maple	Acer x freemanii 'Marmo'™	Spring/Fall	229	253	303	332	235	261	312	342	235	261	312	342	240	267	319	350	245	272	325	357
Matador Freeman Maple	Acer x freemanii 'Bailston'	Spring/Fall	229	253	303	332	235	261	312	342	235	261	312	342								
Autumn Splendor Horsechestnut	Aesculus x arnoldiana 'Autumn Splen	Spring	259	297	342	382	259	297	342	382	272	312	359	401	272	312	359	401	277	318	366	409
Fort McNair® Horsechestnut	Aesculus x arnoldiana 'Fort McNair'	Spring	259	297	342	382	259	297	342	382	272	312	359	401	272	312	359	401	277	318	366	409
Early Glow Ohio Buckeye	Aesculus glabra 'J.N. Select'	Spring					259	297	342		272	312	359	401	272	312	359	401	277	318	366	409
Lustre ® Allegheny Serviceberry	Amelanchier laevis 'Rogers'	Spring/Fall	229	261	309		236	269	309		260	296	340		260	296	340		265	302	347	
Autumn Brilliance Apple Serviceb	Amelanchier X grand. 'Autumn Brillian	Spring/Fall	229	261	309		236	269	309		260	296	340		260	296	340		265	302	347	
River Birch	Betula nigra	Late Spring	204	237	278	325	204	237	278	325	214	249	292	341	220	256	301	335	224	261	307	342
Whitespire Birch	Betula populifolia 'Whitespire'	Late Spring	204	237	278	325	204	237	278	325	214	249	292	341	220	256	301	335	224	261	307	342
American Hornbeam	Carpinus caroliniana	Late Spring	227	266	302	355	227	266	302	355	238	279	317	373	243	279	323	373	248	285	329	380
Native Flame American Hornbea	Carpinus caroliniana 'JFS-KW6'	Late Spring	232	271	307	360	232	271	307	360	244	285	322	378	248	285	328	378	253	291	335	386
Northern Catalpa	Catalpa speciosa	Spring/Fall	221	237	269	316	221	237	269	316	232	249	282	332	239	256	291	332	244	261	297	339
Heartland Catalpa	Catalpa speciosa 'Hiawatha 2'	Spring/Fall	231	247	279	326	231	247	279	326	243	259	293	342	249	266	301	342	254	271	307	349
Common Hackberry	Celtis occidentalis	Spring/Fall	232	267	315	360	239	275	324	371	245	282	332	380	245	282	332	380	250	288	339	388
Chicagoland Hackberry	Celtis occidentalis 'Chicagoland'	Spring/Fall	242	277	325	370																
American Redbud	Cercis canadensis	Spring	251	275	309		259	283	318		272	297	334		272	297	334		277	303	341	
Golden Glory Dogwood	Cornum mas 'Golden Glory'	Spring/Fall	228	262	301		235	270	310		247	284	326		247	284	326		252	290	333	
Turkish Filbert	Corylus colurna	Spring/Fall	250	283	327		250	283	327		263	297	343		263	297	343		268	303	350	
Thornless Cockspur Hawthorn	Crataegus crusgalli 'inermis'	Spring/Fall	206	250	300		206	250	300		216	263	315		216	263	315		220	268	321	
Winter King Green Hawthorn	Crataegus viridis 'Winter King'	Spring/Fall	206	250	300		206	250	300		216	263	315		216	263	315		220	268	321	
Autumn Gold Ginkgo	Ginkgo biloba 'Autumn Gold'	Spring/Fall	296	357	434		296	357	434		303	366	445		308	366	435		314	373	444	
Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'®	Spring/Fall	296	357	434		296	357	434		303	366	445		308	366	435		314	373	444	
Skyline Honeylocust	Gleditsia triacanthos 'Skyline' ®	Spring/Fall	223	246	298	342	230	253	307	352	242	266	322	370	242	271	328	370	247	276	335	377
Kentucky Coffee Tree	Gymnocladus dioica	Spring/Fall	240	259	287	355	240	259	287	355	246	265	294	364	246	265	294	364	251	270	300	371

HINSDALE NURSERIES 5 YEAR PRICING FALL 29/SPRING 30			Fall25/Spring26				Fall26/Spring27				Fall27/Spring28				Fall28/Spring29				Fall29/Spring30			
COMMON NAME	SCIENTIFIC/ CULTIVARS	PLANTING SEASON	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
Espresso Kentucky Coffee Tree	Gymnocladus dioica 'Espresso'	Spring/Fall	250	269	297	365	250	269	297	365	256	276	304	374	256	276	304	374	261	282	310	381
Skinny Latte Kentucky Coffee Tre	Gymnocladus dicicus 'Morton'	Spring/Fall																	261	282	310	381
Tuliptree	Liriodendron tulipifera	Spring	258	284	308	345	258	293	317	355	264	300	325	364	264	300	330	364	269	306	337	371
Emerald City Tuliptree	Liriodendron tulipifera 'Emerald City'	Spring	268	294	318	355	268	303	327	365	275	311	335	374	275	311	340	374	281	317	347	381
Worplesdon Sweetgum	Liquidambar styraciflua 'Worplesdon'	Spring	270	317	347		278	327	354		278	327	354		278	327	354		284	334	361	
Slender Silhouette Sweetgum	Liquidambar styraciflua 'Slender Silho	Spring																	284	334	361	
White Shield Osage Orange	Maclura pomifera 'White Shield'	Spring	214	235	268	308	220	242	276	301	231	254	290	316	243	267	305	332	248	272	311	339
Adams Crab	Malus 'Adams'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296				
Donald Wyman Crab	Malus 'Donald Wyman'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Gladiator Crab	Malus 'Gladiator'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Louisa Crab	Malus 'Louisa'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Prairiefire Crab	Malus 'Prairifire'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Purple Prince Crab	Malus 'Purple Prince'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Red Jewel Crab	Malus 'Red Jewel'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Royal Raindrops Crab	Malus 'Royal Rain Drops'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Starlite Crab	Malus 'Starlite'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Spring Snow Crab	Malus 'Spring Snow'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296	218	238	268	296
Sugar Tyme Crab	Malus 'Sugar Tyme'	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296				
Zumi Crab	Malus X zumi var. Calocarpa	Spring/Fall	198	216	243	268	204	222	250	276	214	233	263	290	218	238	268	296				
Dawn Redwood	Metasequoia glyptostroboides	Spring	221	249	284	315	228	256	293	324	239	269	308	340	239	269	308	340	244	274	314	347
Majestic Black Tupelo	Nyssa sylvatica 'Majestic'	Spring	291	329			299	339			306	347	399		306	347	399		312	354	407	0
Ironwood (Hophornbeam)	Ostrya virginiana	Spring	244	278	326		244	278	326		250	285	334		250	285	334		255	291	341	0
Autumn Treasure Hophornbeam	Ostrya virginiana 'JFS-KW5'	Spring	249	283	331		249	283	331		255	290	339		255	290	339		260	296	346	0
Eye Stopper Corktree	Phellodendron amurense 'Longnecke	Spring/Fall	233	255	294	315	240	263	303	324	246	270	311	332	246	270	311	332	251	275	317	339
Quaking Aspen	Populus tremuloidies	Spring	201	232	267	301	207	239	275	310	217	251	289	326	217	251	289	326	221	256	295	333
Prairie Gold Aspen	Populus tremuloidies 'NE-ARB'	Spring																	226	261	300	338
Exclamation London Planetree	Platanus x acerifolia 'Morton Circle'	Spring	223	269	302	360	223	269	302	360	234	282	317	378	234	282	317	378	239	288	323	386
Monumental London Planetree	Platanus x acerifolia 'Morton Naper'	Spring																	239	288	323	386
Chastity Pear	Pyrus calleryana 'Chastity'	Spring	216	255	289	343	216	255	289	343	227	268	303	360	227	268	303	360	232	273	309	367
Swamp White Oak	Quercus bicolor	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
American Dream Swamp White C	Quercus bicolor 'JFS-KW12'	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Northern Pin Oak	Quercus ellipsoidalis	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Shingle Oak	Quercus imbricaria	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Bur Oak	Quercus macrocarpa	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Urban Pinnacle Bur Oak	Quercus macrocarpa 'JFS-KW3'	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Chinkapin Oak	Quercus muehlenbergii	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Chestnut Oak	Quercus prinus	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Red Oak	Quercus rubra	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
F [illegible] Prince Oak	Quercus robur 'Long'	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
H [illegible] ge Oak	Quercus x macdanielii 'Clemons'	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408

HINSDALE NURSERIES 5 YEAR PRICING FALL 29/SPRING 30			Fall25/Spring26				Fall26/Spring27				Fall27/Spring28				Fall28/Spring29				Fall29/Spring30			
COMMON NAME	**SCIENTIFIC/ CULTIVARS**	**PLANTING SEASON**	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
Crimson Spire Oak	Quercus x bimundorum 'Crimschmidt'	Late Spring																	270	299	348	408
Northern Black Oak	Quercus velutina	Late Spring	252	279	325	381	252	279	325	381	265	293	341	400	265	293	341	400	270	299	348	408
Niobe Weeping Willow	Salix alba 'Tristis'	Late Spring	189	199	245	281	189	199	245	281	198	209	257	295	198	209	257	295	202	213	262	301
China Snow Peking Lilac	Syringa pekinensis 'Morton'	Spring/Fall	220	255	314	355	226	262	314	355	237	275	330	373	242	281	330	373	247	287	337	380
Beijing Gold Peking Lilac	Syringa pekinensis 'Zhang Zhiming"	Spring/Fall	230	265	324	365	236	272	324	365	248	286	340	383	252	291	340	383	257	297	347	391
Ivory Silk Japanese Tree Lilac	Syringa reticulata 'Ivory Silk'	Spring/Fall	244	278	319	363	244	278	319	363	256	292	335	381	261	298	342	389	261	298	342	389
Baldcypress	Taxodium distichum	Late Spring	222	245	272	320	222	245	272	320	233	257	286	336	238	262	292	343	243	267	298	350
Shawnee Brave Bald Cypress	Taxodium distichum 'Mickelson'	Late Spring	232	255	282	330	232	255	282	330	244	268	296	347	247	272	303	355	252	277	309	362
American Sentry™ Linden	Tilia Americana 'MckSentry'	Spring/Fall	232	256	301	341	236	269	310	351	242	276	318	360	242	276	318	360	247	282	324	367
Redmond American Linden	Tilia americana 'Redmond'	Spring/Fall	222	243	286	336	228	255	295	346	234	261	302	355	234	261	302	355	239	266	308	362
Greenspire Littleleaf Linden	Tilia cordata 'Greenspire'®	Spring/Fall	222	243	286	336	228	255	295	346	234	261	302	355	234	261	302	355	239	266	308	362
Sterling Silver Linden	Tilia tomentosa 'Sterling'®	Spring/Fall	232	256	301	341	236	269	310	351	242	276	318	360	242	276	318	360	247	282	324	367
Accolade Elm™	Ulmus 'Morton'	Spring/Fall	226	257	301	351	226	257	301	351	232	263	309	360	232	263	309	360	237	268	315	367
Triumph Elm™	Ulmus 'Morton Glossy'	Spring/Fall	226	257	301	351	226	257	301	351	232	263	309	360	232	263	309	360	237	268	315	367
New Horizon Elm	Ulmus 'New Horizon'	Spring/Fall	226	257	301	351	226	257	301	351	232	263	309	360	232	263	309	360	237	268	315	367
Jefferson Elm	Ulmus americana 'Jefferson'	Spring/Fall	226	257	301	351	226	257	301	351	232	263	309	360	232	263	309	360	237	268	315	367
New Harmony Elm	Ulmus american 'New Harmony'	Spring/Fall	226	257	301	351	226	257	301	351	232	263	309	360	232	263	309	360	237	268	315	367

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			Fall 2025/Spring 2026			Fall 2026/Spring 2027			Fall 2027/Spring 2028			Fall 2028/Spring 2029			Fall 2029/Spring 2030		
Common Name	**Scientific Name**	**Planting Season**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**
Ruby Slippers Amur Maple	Acer ginnala 'Ruby Slippers'	Spring/Fall	228	261	293	251	287	322	256	294	329	268	308	345	282	324	362
State Street Maple	Acer miyabei 'Morton'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Deborah Norway Maple	Acer platanoides 'Deborah'	Spring/Fall	214	260	295	235	286	324	239	292	331	251	306	347	264	322	364
Emerald Lustre Norway Maple	Acer platanoides 'Pond'	Spring/Fall	214	260	295	235	286	324	239	292	331	251	306	347	264	322	364
Armstrong Gold Red Maple	Acer rubrum 'Armstrong Gold'	Spring/Fall Caution	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Redpointe Red Maple	Acer rubrum 'Redpointe'	Spring/Fall Caution	228	261	314	251	287	345	256	294	352	268	308	369	282	324	388
Sun Valley Red Maple	Acer rubrum 'Sun Valley'	Spring/Fall Caution	228	261	314	251	287	345	256	294	352	268	308	369	282	324	388
Red Sentinel Red Maple	Acer rubrun 'WW Warren'	Spring/Fall Caution													282	324	388
Fall Fiesta Sugar Maple	Acer saccharum 'Bailsta'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Green Mountain Sugar Maple	Acer saccharum 'Green Mountain'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Crescendo Sugar Maple	Acer saccharum 'Morton'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Hot Wings Maple	Acer tataricum 'GarAnn'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Crimson Sunset Maple	Acer truncatum x A. platanoides 'JFS-KW202'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Pacific Sunset Maple	Acer truncatum x A. platanoides 'Warrenred'	Spring/Fall	239	281	334	263	309	368	269	315	375	282	331	394	296	348	414
Autumn Fantasy Maple	Acer x freemani 'Autumn Fantasy'	Spring/Fall	225	260	304	248	286	334	253	292	341	265	306	358	279	322	376
Matador Maple	Acer x freemani 'Baliston'	Spring/Fall	225	260	304	248	286	334	253	292	341	265	306	358	279	322	376
Celebration Maple	Acer x freemani 'Celzam'	Spring/Fall	225	260	304	248	286	334	253	292	341	265	306	358	279	322	376
Autumn Blaze Maple	Acer x freemani 'Jeffersred'	Spring/Fall	225	260	304	248	286	334	253	292	341	265	306	358	279	322	376
Autumn Splendor Horsechestnut	Aesculus arnoldiana 'Autumn Splendor'	Spring	250	293	325	275	322	357	281	329	365	295	345	383	310	362	402
Early Glow Buckeye	Aesculus glabra 'JN Select'	Spring	250	293	325	275	322	357	281	329	365	295	345	383	310	362	402
Yellow Buckeye	Aesculus octandra	Spring	250	293	325	275	322	357	281	329	365	295	345	383	310	362	402
Spaeth's Alder	Alnus x spaethii	Spring	228	272	314	251	299	345	256	305	352	268	320	369	282	336	388
Autumn Brilliance Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	Spring/Fall	229	261	304	252	287	334	257	294	341	269	308	358	283	324	376
Lustre Allegheny Serviceberry	Amelanchier laevis 'Lustre'	Spring/Fall	229	261	304	252	287	334	257	294	341	269	308	358	283	324	376
River Birch	Betula nigra	Spring	195	229	261	214	252	287	219	257	294	229	269	308	241	283	324
Heritage River Birch	Betula nigra 'Cully'	Spring	195	229	261	214	252	287	219	257	294	229	269	308	241	283	324
Dakota Pinnacle Birch	Betula platyphylla 'Fargo'	Spring	205	241	275	226	265	303	230	270	309	242	284	324	254	298	341
Pyramidal European Hornbeam	Carpinus betulus 'Fastigiata'	Spring	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Emerald Avenue Hornbeam	Carpinus betulus 'JFS-KW1CB'	Spring	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Rockhampton Red European Hornbeam	Carpinus betulus 'Rockhampton Red'	Spring	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Lucas European Hornbeam	Carpinus betulus 'Lucas'	Spring	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402

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Common Name	**Scientific Name**	**Planting Season**	**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**	
American Hornbeam	Carpinus caroliniana	Spring	239	281	325		263	309	357		269	315	365		282	331	383		296	348	402	
Firespire American Hornbeam	Carpinus caroliniana 'JN Upright'	Spring	239	281			263	309			269	315			282	331	383		296	348	402	
Fire King American Hornbeam	Carpinus caroliniana 'JN Select A'	Spring																	296	348	402	
JN Strain American Hornbeam	Carpinus caroliniana 'JN Strain'	Spring	239	281			263	309			269	315			282	331	383		296	348	402	
Northern Catalpa	Catalpa speciosa	Spring/Fall	214	249	283		235	274	311		239	279	317		251	293	333		264	308	350	
Heartland Catalpa	Catalpa speciosa 'Hiawatha'	Spring/Fall	214	249	283		235	274	311		239	279	317		251	293	333		264	308	350	
Purple Catalpa	Catalpa x erubescens 'Purpurea'	Spring/Fall	214	249	283		235	274	311		239	279	317		251	293	333		264	308	350	
Hackberry	Celtis occidentalis	Spring/Fall	228	272	314		251	299	345		256	305	352		268	320	369		282	336	388	
Eastern Redbud	Cercis canadensis	Spring	239	281	325		263	309	357		269	315	365		282	331	383		296	348	402	
Yellowwood	Cladrastis kentukea	Spring	250	293	325		275	322	357		280	329	365		294	345	383		309	362	402	
Pagoda Dogwood	Cornus alternifolia	Spring/Fall	240	286			264	315			269	321			282	337			297	354		
Golden Glory Corneliancherry Dogwood	Cornus mas 'Golden Glory'	Spring/Fall	240	286			264	315			269	321			282	337			297	354		
Turkish Filbert	Corylus corluma	Spring	239	272			263	299			269	305			282	320			296	336		
Thornless Cockspur Hawthorn	Crataegus crusgalli v. inermis	Spring	207	241	275		228	265	303		232	270	309		244	284	324		256	298	341	
Thornless Cockspur Hawthorn	Crataegus virdis 'Winter King'	Spring	207	241	275		228	265	303		232	270	309		244	284	324		256	298	341	
Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'	Spring/Fall	304	346			334	380			341	388			358	407			376	427		
Autumn Gold Ginkgo	Ginkgo biloba 'Autumn Gold'	Spring/Fall	304	346			334	380			341	388			358	407			376	427		
Skyline Honeylocust	Gleditsia triacanthos 'Skycole'	Spring/Fall	228	272	314		251	299	345		256	305	352		268	320	369		282	336	388	
Streetkeeper Honeylocust	Gleditsia triacanthos 'Street Keeper'	Spring/Fall	228	272	314		251	299	345		256	305	352		268	320	369		282	336	388	
Northern Sentinel Honeylocust	Gleditsia triacanthos 'JFS GMorgenson1'	Spring/Fall	228	272	314		251	299	345		256	305	352		268	320	369		282	336	388	
Kentucky Coffee Tree	Gymnocladus dioicus	Spring/Fall	242	286	330		266	315	363		272	321	370		286	337	389		300	354	408	
Espresso Kentucky Coffee Tree	Gymnocladus dioicus 'Espresso-JFS'	Spring/Fall	242	286	330		266	315	363		272	321	370		286	337	389		300	354	408	
Skinny Latte Kentucky Coffee Tree	Gymnocladus dioicus 'Morton'	Spring/Fall	242	286	330		266	315	363		272	321	370		286	337	389		300	354	408	
True North Kentucky Coffee Tree	Gymnocladus dioicus 'UMN Synergy'	Spring/Fall	242	286	330		266	315	363		272	321	370		286	337	389		300	354	408	
Moraine Sweetgum	Liquidambar styraciflua 'Moraine'	Spring	250	290	333		275	319	367		280	325	374		294	341	393		309	358	413	
Worpelsdon Sweetgum	Liquidambar styraciflua 'Worpelsdon'	Spring	250	290	333		275	319	367		280	325	374		294	341	393		309	358	413	
Tulip Tree	Liriodendron tulipifera	Spring	250	290	333		275	319	367		280	325	374		294	341	393		309	358	413	
Emerald City Tulip Tree	Liriodendron tulipifera 'JFS-Oz'	Spring	250	290	333		275	319	367		280	325	374		294	341	393		309	358	413	
Amur Maackia	Maackia amurensis	Spring/Fall	229	260			252	286			257	292			269	306			283	322		
White Shield Osage Orange	Maclura pomifera 'White Shield'	Spring/Fall	229	260	304		252	286	334		257	292	341		269	306	358		283	322	376	
Butterflies Magnolia	Magnolia acuminata 'Butterflies'	Spring	229	260			252	286			257	292			269	306			283	322		

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Common Name	**Scientific Name**	**Planting Season**	**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**		**2.0"**	**2.5"**	**3.0"**	
Firebird Crabapple	Malus sargentii 'Select A'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Golden Raindrops Crabapple	Malus 'Schmidtcutleaf'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Profusion Crabapple	Malus 'Profusion'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Red Jewel Crabapple	Malus 'Jewelcole'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Royal Raindrops Crabapple	Malus 'JFS-KW5'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Sargent Tina Crabapple	Malus sargentii 'Tina'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Show Time Crabapple	Malus 'Shotizam'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Spring Snow Crabapple	Malus 'Spring Snow'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Gladiator Crabapple	Malus x adstringens 'Durleo'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Ruby Dayze Crabapple	Malus 'JFS-KW139MX'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Raspberry Spear Crabapple	Malus 'JFS-KW213MX'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Starlite Crabapple	Malus x 'Jeflite'	Spring/Fall	195	235			223	258			227	263			238	276			250	290		
Dawn Redwood	Metasequoia glyptostroboides	Spring	224	257	300		247	282	330		252	288	337		264	302	354		278	317	372	
American Hophornbeam	Ostrya virginiana	Spring	239	281	325		263	309	357		269	315	365		282	331	383		296	348	402	
Autumn Treasure Hophornbeam	Ostrya virginiana 'JFS-KW5'	Spring	239	281	325		263	309	357		269	315	365		282	331	383		296	348	402	
Exclamation London Planetree	Platanus x acerifolia 'Morton Circle'	Spring	217	260	304		238	286	334		243	292	341		255	306	358		268	322	376	
Monumental London Planetree	Platanus x acerifolia 'Morton Naper'	Spring					238	286	334		243	292	341		255	306	358		268	322	376	
Quaking Aspen	Populus tremuloides	Spring	217	260	304		238	286	334		243	292	341		255	306	358		268	322	376	
Swedish Colunar Aspen	Populus tremuloides 'Erecta'	Spring	217	260	304		238	286	334		243	292	341		255	306	358		268	322	376	
Prairie Gold Aspen	Populus tremuloides 'NE-Arb'	Spring	217	260	304		238	286	334		243	292	341		255	306	358		268	322	376	
Pink Flair Cherry	Prunus sargentii 'JFS-KW58'	Spring/Fall	213	247	282		234	272	310		239	277	316		251	291	332		263	305	348	
Canada Red Chokecherry	Prunus virginiana 'Canada Red'	Spring/Fall	202	235	268		223	258	295		227	263	300		238	276	315		250	290	331	
White Oak	Quercus alba	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Swamp White Oak	Quercus bicolor	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Beacon Oak	Quercus bicolor 'Bonnis and Mike'	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
American Dream Oak	Quercus bicolor 'JFS-KW12'	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Shingle Oak	Quercus imbricaria	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Bur Oak	Quercus macrocarpa	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Cobblestone Oak	Quercus macrocarpa 'JFS-KW14'	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Urban Pinnacle Oak	Quercus macrocarpa 'JFS-KW3'	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Chinkapin Oak	Quercus muehlenbergii	Spring	261	300	346		287	330	380		294	337	388		308	354	407		324	372	427	
Crimson Spire Oak	Quercus robur x Q. alba 'Crimschmidt'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Streetspire Oak	Quercus robur x Q. alba 'JFS-KW1QX'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Regal Prince Oak	Quercus robur x Q. bicolor 'Long'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Kindred Spirit Oak	Quercus robur x Q. bicolor 'Nadler'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Red Oak	Quercus rubra	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Heritage Oak	Quercus x macdanielii 'Clemons'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Scarlett Letter Oak	Quercus x 'Scarlett Letter'	Spring	250	300	346		275	330	380		280	337	388		294	354	407		309	372	427	
Purple Robe Black Locust	Robinia pseudoacacia 'Purple Robe'	Spring	201	245	278		222	270	306		226	275	313		237	288	328		249	303	345	
Ivory Silk Japanese Tree Lilac	Syringa reticulata 'Ivory Silk'	Spring/Fall	239	281	325		263	309	357		269	315	365		282	331	383		296	348	402	
Syringa pekinensis 'Morton'	Bejing Gold Tree Lilac	Spring/Fall																	296	348	402	

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Common Name	**Scientific Name**	**Planting Season**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**	**2.0"**	**2.5"**	**3.0"**
Great Wall Japanese Tree Lilac	Syringa pekinensis 'WFH2'	Spring/Fall	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Snowdance Lilac	Syringa reticulata 'Bailnce'	Spring/Fall	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Dwarf Korean Lilac	Syringa meyeri 'Palibin'	Spring/Fall	239	281	325	263	309	357	269	315	365	282	331	383	296	348	402
Bald Cypress	Taxodium distichum	Spring	217	257	300	238	282	330	243	288	337	255	302	354	268	317	372
Green Whisper Bald Cypress	Taxodium distichum 'JFS-SGPN'	Spring	217	257	300	238	282	330	243	288	337	255	302	354	268	317	372
Shawnee Brave Bald Cypress	Taxodium distichum 'Mickelson'	Spring	217	257	300	238	282	330	243	288	337	255	302	354	268	317	372
American Sentry Linden	Tilia americana 'McKSentry'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Redmond American Linden	Tilia americana 'Redmond'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Greenspire Littleleaf Linden	Tilia cordata 'Greenspire'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Green Mountain Silver Linden	Tilia tomentosa 'Green Mountain'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Jefferson American Elm	Ulmus americana 'Jefferson'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Princeton American Elm	Ulmus americana 'Princeton'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
New Horizon Elm	Ulmus japonica x pumila 'New Horizon'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Accolade Elm	Ulmus japonica x wilsoniana 'Morton	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388
Triumph Elm	Ulmus 'Morton Glossy'	Spring/Fall	229	272	314	252	299	345	257	305	352	269	320	369	283	336	388

We're pleased to offer several new varieties along with the tried and true that you've come to rely on us for. In addition, we're offering smaller ornamental trees, perfect for under wires. If you don't see something that you'd like us to grow please contact us with the variety and size that you're looking for. Thank you for the opportunity to work with you!

Common Name	Latin Name	Planting Season	Fall 2025 Spring 2026			Fall 2026 Spring 2027			Fall 2027 Spring 2028			Fall 2028 Spring 2029			Fall 2029 Spring 2030		
			2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
Hedge Maple	Acer campestre	Spring & Fall	220	240	239												
Autumn Blaze® Freemanii Maple	Acer x freemanii 'Jeffersred'	Spring & Fall	200	210	220	205	215	235	217	229	241	225	235	245	236	247	257
Marmo Freemanii Maple	Acer x freemanii 'Marmo'	Spring & Fall							229	239	249	225	235	245	236	247	257
Matador™ Freemanii Maple	Acer x freemanii 'Bailston'	Spring & Fall	205	215		205	215	235	217	229	241	225	235	245	236	247	257
Sienna Glen® Freemanii Maple	Acer x freemanii 'Sienna Glen'	Spring & Fall							229	239	249	225	235	245	236	247	257
State Street™ Maple	Acer miyabei 'Morton' State Street	Spring & Fall	235	240	255	205	215	235	217	229		225	235		236	247	
Crimson King Norway Maple	Acer Platanoides 'Crimson King '	Spring & Fall				230	235		239	249	259	239	249		251	261	
Crimson Sentry Maple *NEW*	Acer platanoides 'Crimson Sentry'	Spring & Fall													251	261	
Redpointe® Maple	Acer rubrum 'Frank Jr' PP16769	Spring & Fall	245	265		205	215	235	227	234	251	235	245	255	247	257	268
Crimson Sunset® Maple	Acer truncatum x Acer platanoides 'JFS-KW202' PP21838	Spring & Fall				215	225	245	239	249	259	239	249	259	251	261	
Fort McNair Red Horsechestnut	Aesculus x carnea 'Ft. McNair'	Spring only	260	270					245	270		239	249		251	261	
Autumn Brilliance Serviceberry	Amelanchier grandiflora 'Autumn Brilliance	Spring only							239	249		239	249		251	261	
Pyramidal European Hornbeam	Carpinus betulus 'Fastigiata'	Spring only	227	247		227	247		237	257		242	262		251	275	
Frans Fontaine Hornbeam	Carpinus betulus 'Frans Fontaine'	Spring only	227	247		227	247		237	257		242	262		251	275	
Blue Beech/American Hornbeam	Carpinus caroliniana	April-May only	250	260					245	265		239	259		251	275	
Wisconsin Red® Hornbeam *New*	Carpinus caroliniana 'Wisconsin Red'	April-May only							245	265		239	259		251	275	
Northern Catalpa	Catalpa speciosa	Spring only							217	229		217	229		228	240	
Common Hackberry	Celtis occidentalis	Spring & Fall	220	230	239	215	225	245	227	239	241	225	235	245	236	247	
Prairie Sentinel® Hackberry *New*	Celtis 'JFS-KSU1'	Spring & Fall				215	225										
Eastern Redbud	Cercis canadensis #45 containers	Spring	245	255		245	259		245	265		249	259		261	272	
Dawyck Purple Beech	Fagus sylvatica 'Dawyck Purple'	Late Spring only				275	295		287	310		275	304		289	319	
Red Obelisk European Beech	Fagus sylvatica 'Red Obelisk'	Late Spring only	305			275	295										
Rivers Purple Beech	Fagus sylvatica 'Riversii'	Late Spring only	305	325		275	295		287	310		275	304		289	319	
Roseomarginata European Beech	Fagus sylvatica 'Roseomarginata'	Late Spring only	305	325		315			325			305	325		320	341	
Autumn Gold Ginkgo	Ginkgo biloba 'Autumn Gold'	Spring & Fall	335	350					267	299		272	304	359	286	319	
Magyar Ginkgo	Ginkgo biloba 'Magyar	Spring & Fall	335	350	359	255	285	359	267	299	359	275	304	359	286	319	
Presidential Gold® Ginkgo	Ginkgo biloba 'The President'	Spring & Fall										275	304		286	319	
Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'	Spring & Fall	335	350		255	285		267	299		275	304	359	286	319	
Skyline® Honeylocust	Gleditsia triacanthos 'Skycole'	Spring & Fall	240	250	265	205	215	235	217	229	241	225	235	245	236	247	257
Kentucky Coffeetree	Gymnocladus dioicus	Spring & Fall							227	249		232	255		244	268	
Decaf™ Kentucky Coffeetree	Gymnocladus dioicus Decaf	Spring & Fall	235	250		215	245		227	259		232	255		244	268	
Espresso™ Kentucky Coffeetree	Gymnocladus dioicus 'Espresso-JFS'	Spring & Fall	235	250	259	215	245		227	259		232	255		244	268	
Skinny Latte Kentucky Coffeetree	Gymnocladus dioicus 'Morton'	Spring & Fall				225				249							

Common Name	Latin Name	Planting Season	Fall 2025 Spring 2026			Fall 2026 Spring 2027			Fall 2027 Spring 2028			Fall 2028 Spring 2029			Fall 2029 Spring 2030		
			2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
Yellow Bird Magnolia *NEW*	Magnolia brooklynensis 'Yellow Bird'	Spring & Fall							245	259							
Galaxy Magnolia *NEW*	Magnolia x 'Galaxy'	Spring & Fall							245	259							
Coralburst® Crabapple (pink)	Malus 'Coralcole'	Spring & Fall	195	215		215	235		219	239		225	230		235	245	
Firebird® Crabapple (white)	Malus sargentii 'Select A' Branched @ 42"	Spring & Fall							219			225	230		235	245	
Gladiator™ Crabapple (pink)	Malus x adstringens 'Durleo' PP20,167	Spring & Fall				215	235		219	239		205	220		225	245	
Lollipop® Crabapple *NEW*	Malus 'Lollizam'	Spring & Fall										225	235		215	235	250
Red Jewel Crabapple (white)	Malus 'Jewelcole'	Spring & Fall	195	215	225				219	239		205	220		225	235	
Sargent Tina Crabapple (white)	Malus Sargent Tina Branched @ 42"	Spring & Fall	195	215	200	215	235		219	239		205	220		225	235	
Show Time™ Crabapple (pink)	Malus 'Shotizam'	Spring & Fall	195	215	200	215	235		219	239		205	220		225	235	
Spring Snow Crabapple (white)	Malus x 'Spring Snow'	Spring & Fall	195	215	200				219	239		205	220		225	235	
Starlite® Crabapple (white)	Malus x 'Jeflite'	Spring & Fall	195	215	200	215	235		219	239		205	220		225	235	
Black Tupelo	Nyssa sylvatica	Late spring only													264	278	
Majestic Black Tupelo	Nyssa sylvatica 'MONN2'	Late spring only	255	270		255	270		266	279							
Exclamation!™ London Planetree	Platanus x acerifolia 'Morton Circle'	Spring only	200	220	230	210	230		222	244		225	235	245	236	247	257
Ironwood/American Hophornbeam	Ostrya virginiana	Spring only	255	270		235	255		247	269		239	249		251	261	
Quaking Aspen	Populus tremuloides	Spring only				195	225		225	235		225	235		236	247	
Dancing Flame® Aspen *NEW*	Populus tremuloides'Dancing Flame'	Spring only										236	247		236	247	
Summer Shimmer Aspen	Populus tremuloides 'Summer Shimmer'	Spring only				195	225		225	235		225	235		236	247	
Chanticleer Pear	Pyrus calleryana 'Chanticleer'	Spring only'													236	247	
Swamp White Oak	Quercus bicolor - Swamp White	Late spring only	245	265		235	250		245	259		251	265		264	278	
Scarlet Oak	Quercus coccina -Scarlet	Late spring only	245	265					245	265		251	265		264	278	
Bur Oak	Quercus macrocarpa - Bur	Late spring only	245	265		235	250		245	259		251	265		264	278	
Chinkapin Oak	Quercus muehlenbergii	Late spring only	245	265											264	278	
Scarlet Letter™ Oak *NEW*	Quercus robur x alba Scarlet Letter	Late spring only										251	265		264	278	
Regal Prince® Oak	Quercus robur x bicolor 'Long'	Late spring only	245	265		245	260		245	259		251	265		264	278	
Red Oak	Quercus rubra - Red	Late spring only	245	265		235	250		245	259		251	265		264	278	
Shumard Oak	Quercus shumardii	Late spring only	245	265													
Beijing Gold ™ Peking Lilac *NEW*	Syringa pekinensis 'Zhang Zhiming'	Spring & Fall													251	261	
Ivory Silk Japanese Tree Lilac	Syringa reticulata 'Ivory Silk'	Spring & Fall	245	265	275	235	250	275	245	259		239	249		251	261	
Snowdance™ Japanese Tree Lilac	Syringa reticulata 'Bailnee'	Spring & Fall	245	265	275	235	250	270	245	259		239	249		251	261	
Common Baldcypress	Taxodium disticum	Late spring only	230	240	235							225	235		236	247	257
Shawnee Brave Bald Cypress	Taxodium disticum 'Mickelson'	Late spring only	230	240	235	215	230		245	259		225	235	245	236	247	257
American Sentry® Linden *NEW*	Tilia americana 'McKSentry'	Spring & Fall				235	250		245	259		225	235	245	236	247	257
Redmond American Linden	Tilia americana 'Redmond'	Spring & Fall	245	255		235	250		245	259		225	235	245	236	247	257
Greenspire Littleleaf Linden	Tilia cordata 'Greenspire'	Spring & Fall	245	255	245	235	250		245	259		225	235	245	236	247	257
Princeton Elm	Ulmus americana 'Princeton'	Spring only	245	255		205	230		225	235		225	235	245	236	247	257
Frontier Elm	Ulmus 'Frontier'	Spring only	245	255		205	230		225	235		225	235	245	236	247	257
Accolade™ Elm	Ulmus 'Morton'	Spring only	245	255		205	230								236	247	257
Triumph™ Elm	Ulmus 'Morton Glossy'	Spring only	245	255		205	230		225	235		225	235	245	236	247	257

NEW Trees for under the wires

				Fall 2025 Spring 2026			Fall 2026 Spring 2027			Fall 2027 Spring 2028			Fall 2028 Spring 2029			Fall 2029 Spring 2030		
				Tree Form #10 & #15 containers. Plants are 4' tall & branched at 3'.														
Limelight Hydrangea	Hydrangea paniculata 'Limelight		Spring & Fall	145			145			150			155					
Little Lime® Hydrangea	Hydrangea paniculata 'Little Lime'		Spring & Fall	145			145			150			155					
Quick Fire® Hydrangea	Hydrangea paniculata 'SMHPLQF' USPP 25,136		Spring & Fall	145			145			150			155					
Vanilla Strawberry™ Hydrangea	Hydrangea paniculata 'Vanilla Strawberry'		Spring & Fall	145			145			150			155					
Dwarf Korean Lilac	Syringa meyeri 'Palibin'		Spring & Fall	181			181			175			170					
Flowerfesta® Pink Dwarf Lilac	Syringa meyeri 'Anny200817'		Spring & Fall	201									170					
Flowerfesta® White Dwarf Lilac	Syringa meyeri 'Anny200810'		Spring & Fall	201									170					
Miss Kim Dwarf Lilac	Syringa patula 'Miss Kim'		Spring & Fall	181									180					
				2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"	2.0"	2.5"	3.0"
Coralburst® Crabapple (pink)	Malus 'Coralcole'		Spring & Fall	195	215		215	235		219	239		225	230		235	245	
Lollipop® Crabapple *NEW*	Malus 'Lollizam'		Spring & Fall										225	235		215	235	250
Sargent Tina Crabapple (white)	Malus Sargent Tina	Branched @ 42"	Spring & Fall	195	215	200	215	235		219	239		205	220		225	235	

Low Branched Trees:
Crimson Sentry Maple
Pyramidal European Hornbeam
Frans Fontaine Hornbeam
Dawycki Purple Beech
Yellow Bird Magnolia
Ironwood/American Hophornbeam

Apex (Pugsley & LaHaie) REGULAR CONTRACT Prices for the Suburban Tree Consortium

Revised 8/15/25	5' or 1.5"	6' or 2"	7' or 2.5"	8' or 3"	9' or 3.5"	10' or 4"	12' or 4.5"
Ball Size Bid On	**20 - 23.5"**	**24-27.5"**	**28-31.5"**	**32-37.5"**	**38-41.5"**	**42-47.5"**	**48-53.5"**
Tree Installation							
2026	103.00	132.00	141.00	182.00	220.00	255.00	295.00
2027	113.00	144.00	154.00	200.00	240.00	278.00	325.00
2028	118.00	151.00	161.00	210.00	252.00	292.00	340.00
2029	125.00	160.00	170.00	222.00	267.00	310.00	360.00
2030	130.00	170.00	176.00	230.00	278.00	325.00	375.00
Delivery from Spring 2026 thru Fall 2026 from Wilson, Klehm & Fiore Nurseries:							
	23.00	25.00	28.25	37.00	42.50	66.50	78.50
Delivery for Spring 2026 thru Fall 2026 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	26.00	30.50	33.75	42.50	45.75	73.00	88.25
Delivery for Spring 2026 thru Fall 2026 from Possibility Place Nursery & Spring Grove Nursery:							
	36.00	40.25	43.50	50.25	55.50	78.50	98.00
Delivery from Spring 2027 thru Fall 2027 from Wilson, Klehm & Fiore Nurseries:							
	25.07	27.25	30.79	40.33	46.33	72.49	85.57
Delivery for Spring 2027 thru Fall 2027 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	28.34	33.25	36.79	46.33	49.87	79.57	96.19
Delivery for Spring 2027 thru Fall 2027 from Possibility Place Nursery & Spring Grove Nursery:							
	39.24	43.87	47.42	54.77	60.50	85.57	106.82
Delivery from Spring 2028 thru Fall 2028 from Wilson, Klehm & Fiore Nurseries:							
	26.24	28.53	32.23	42.22	48.50	75.89	89.59
Delivery for Spring 2028 thru Fall 2028 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	29.67	34.81	38.51	48.51	52.21	83.30	100.42
Delivery for Spring 2028 thru Fall 2028 from Possibility Place Nursery & Spring Grove Nursery:							
	41.08	45.93	49.64	57.34	63.34	89.59	111.84
Delivery from Spring 2029 thru Fall 2029 from Wilson, Klehm & Fiore Nurseries:							
	30.00	32.00	36.10	47.30	54.40	85.00	101.00
Delivery for Spring 2029 thru Fall 2029 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	33.25	39.00	43.20	54.30	58.50	93.30	112.50
Delivery for Spring 2029 thru Fall 2029 from Possibility Place Nursery & Spring Grove Nursery:							
	46.00	51.50	55.60	54.25	71	100.4	125.25
Delivery from Spring 2030 thru Fall 2030 from Wilson, Klehm & Fiore Nurseries:							
	31.25	33.25	37.50	49.25	56.50	88.50	105.00
Delivery for Spring 2030 thru Fall 2030 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	34.50	40.50	45.00	56.50	61.00	97.00	117.00
Delivery for Spring 2030 thru Fall 2030 from Possibility Place Nursery & Spring Grove Nursery:							
	48.00	53.50	58.00	56.50	74.00	104.50	130.25
Mulch Spring 2026 thru Fall 2026							
	18.00	18.50	19.75	20.75	21.75	23.00	24.00
Mulch Spring 2027 thru Fall 2027							
	19.26	19.80	21.13	22.20	23.27	24.61	25.68
Mulch Spring 2028 thru Fall 2028							
	20.15	20.75	22.15	23.25	24.35	25.75	26.88
Mulch Spring 2029 thru Fall 2029							
	21.60	22.20	23.70	24.90	26.05	27.60	28.80
Mulch Spring 2030 thru Fall 2030							
	22.50	23.00	24.65	25.90	27.10	28.70	30.00

Extra Services 2026 Season:

	1 gal	3 gal/18"	5 gal/24"	7 gal/36"
Shrub Installation	10.00	21.30	30.25	44.20
Shrub Mulching	3.50	7.10	8.50	13.00
Delivery - assumes with trees being delivered at the same time. Shrub only plantings will carry a minimum delivery charge:				
Wilsons	3.50	7.10	8.50	13.00
Hinsdale, Doty, Goodmark	4.00	8.10	9.70	14.80
Spring Grove	5.20	10.50	12.60	19.25

Gator Bag Brand Water Bags	40.50
Generic Water Bags	31.20
Tree Diaper	71.75

Price does not include pre-charging of the bag. Pre-charging requires a temporary water pool and space available to charge plus an additional $9.00 handling fee.

Fold Cage (if not low profile), Cut Twine, Peel Back Burlap

	1.5"-3"	**3.5"-4.5"**
Per Tree Cost	8.75	11.00

Cut Basket/Remove (in addition to above cost)

	1.5"-3"	**3.5"-4.5"**
Per Tree Cost	9.25	10.30

*** All sizes move/transplant nearby double planting cost or quote basis**
*** Optional out of specification planting requests $1.00 per inch/per tree cost**

Delivery Fuel Surcharge

	Per Gallon $4.00-$5.00	Per Gallon $5.01-$6.00	Per Gallon $6.01-$7.00	Per Gallon $7.01-$8.00
Per Tree Cost	1.45	2.70	3.95	5.20

Apex (Pugsley & LaHaie) REGULAR CONTRACT Prices for the Suburban Tree Consortium

Revised 8/15/25	5' or 1.5"	6' or 2"	7' or 2.5"	8' or 3"	9' or 3.5"	10' or 4"	12' or 4.5"
Ball Size Bid On	**20 - 23.5"**	**24-27.5"**	**28-31.5"**	**32-37.5"**	**38-41.5"**	**42-47.5"**	**48-53.5"**
Tree Installation							
2026	103.00	132.00	141.00	182.00	220.00	255.00	295.00
2027	113.00	144.00	154.00	200.00	240.00	278.00	325.00
2028	118.00	151.00	161.00	210.00	252.00	292.00	340.00
2029	125.00	160.00	170.00	222.00	267.00	310.00	360.00
2030	130.00	170.00	176.00	230.00	278.00	325.00	375.00
Delivery from Spring 2026 thru Fall 2026 from Wilson, Klehm & Fiore Nurseries:							
	23.00	25.00	28.25	37.00	42.50	66.50	78.50
Delivery for Spring 2026 thru Fall 2026 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	26.00	30.50	33.75	42.50	45.75	73.00	88.25
Delivery for Spring 2026 thru Fall 2026 from Possibility Place Nursery & Spring Grove Nursery:							
	36.00	40.25	43.50	50.25	55.50	78.50	98.00
Delivery from Spring 2027 thru Fall 2027 from Wilson, Klehm & Fiore Nurseries:							
	25.07	27.25	30.79	40.33	46.33	72.49	85.57
Delivery for Spring 2027 thru Fall 2027 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	28.34	33.25	36.79	46.33	49.87	79.57	96.19
Delivery for Spring 2027 thru Fall 2027 from Possibility Place Nursery & Spring Grove Nursery:							
	39.24	43.87	47.42	54.77	60.50	85.57	106.82
Delivery from Spring 2028 thru Fall 2028 from Wilson, Klehm & Fiore Nurseries:							
	26.24	28.53	32.23	42.22	48.50	75.89	89.59
Delivery for Spring 2028 thru Fall 2028 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	29.67	34.81	38.51	48.51	52.21	83.30	100.42
Delivery for Spring 2028 thru Fall 2028 from Possibility Place Nursery & Spring Grove Nursery:							
	41.08	45.93	49.64	57.34	63.34	89.59	111.84
Delivery from Spring 2029 thru Fall 2029 from Wilson, Klehm & Fiore Nurseries:							
	30.00	32.00	36.10	47.30	54.40	85.00	101.00
Delivery for Spring 2029 thru Fall 2029 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	33.25	39.00	43.20	54.30	58.50	93.30	112.50
Delivery for Spring 2029 thru Fall 2029 from Possibility Place Nursery & Spring Grove Nursery:							
	46.00	51.50	55.60	54.25	71	100.4	125.25
Delivery from Spring 2030 thru Fall 2030 from Wilson, Klehm & Fiore Nurseries:							
	31.25	33.25	37.50	49.25	56.50	88.50	105.00
Delivery for Spring 2030 thru Fall 2030 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:							
	34.50	40.50	45.00	56.50	61.00	97.00	117.00
Delivery for Spring 2030 thru Fall 2030 from Possibility Place Nursery & Spring Grove Nursery:							
	48.00	53.50	58.00	56.50	74.00	104.50	130.25
Mulch Spring 2026 thru Fall 2026							
	18.00	18.50	19.75	20.75	21.75	23.00	24.00
Mulch Spring 2027 thru Fall 2027							
	19.26	19.80	21.13	22.20	23.27	24.61	25.68
Mulch Spring 2028 thru Fall 2028							
	20.15	20.75	22.15	23.25	24.35	25.75	26.88
Mulch Spring 2029 thru Fall 2029							
	21.60	22.20	23.70	24.90	26.05	27.60	28.80
Mulch Spring 2030 thru Fall 2030							
	22.50	23.00	24.65	25.90	27.10	28.70	30.00

Extra Services 2026 Season:

	1 gal	3 gal/18"	5 gal/24"	7 gal/36"
Shrub Installation	10.00	21.30	30.25	44.20
Shrub Mulching	3.50	7.10	8.50	13.00
Delivery - assumes with trees being delivered at the same time. Shrub only plantings will carry a minimum delivery charge:				
Wilsons	3.50	7.10	8.50	13.00
Hinsdale, Doty, Goodmark	4.00	8.10	9.70	14.80
Spring Grove	5.20	10.50	12.60	19.25

Gator Bag Brand Water Bags	40.50
Generic Water Bags	31.20
Tree Diaper	71.75

Price does not include pre-charging of the bag. Pre-charging requires a temporary water pool and space available to charge plus an additional $9.00 handling fee.

Fold Cage (if not low profile), Cut Twine, Peel Back Burlap

	1.5"-3"	**3.5"-4.5"**
Per Tree Cost	8.75	11.00

Cut Basket/Remove (in addition to above cost)

	1.5"-3"	**3.5"-4.5"**
Per Tree Cost	9.25	10.30

*** All sizes move/transplant nearby double planting cost or quote basis**
*** Optional out of specification planting requests $1.00 per inch/per tree cost**

Delivery Fuel Surcharge

	Per Gallon $4.00-$5.00	Per Gallon $5.01-$6.00	Per Gallon $6.01-$7.00	Per Gallon $7.01-$8.00
Per Tree Cost	1.45	2.70	3.95	5.20

Apex (Pugsley & LaHaie.) Prevailing Wage Prices for the Suburban Tree Consortium

Revised 8-15-25

Ball Size Bid On Tree Installation	5' or 1.5" 20 - 23.5"	6' or 2" 24-27.5"	7' or 2.5" 28-31.5"	8' or 3" 32-37.5"	9' or 3.5" 38-41.5"
2026	192.00	225.00	278.00	330.00	420.00
2027	210.00	245.00	303.00	360.00	458.00
2028	233.00	271.00	336.00	399.00	508.00
2029	251.00	292.00	362.00	429.00	547.00
2030	266.00	310.00	384.00	455.00	580.00
Delivery from Spring 2026 thru Fall 2026 from Wilson, Klehm & Fiore Nurseries:	29.50	36.00	39.25	45.75	57.75
Delivery from Spring 2026 thru Fall 2026 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:	35.00	39.24	47.00	54.50	66.50
Delivery from Spring 2026 thru Fall 2026 from Possibility Place Nursery & Spring Grove Nursery:	44.75	49.00	55.75	65.50	73.00
Delivery from Spring 2027 thru Fall 2027 from Wilson, Klehm & Fiore Nurseries:	32.16	39.24	42.78	49.87	62.95
Delivery from Spring 2027 thru Fall 2027 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:	38.15	39.24	51.23	59.41	72.49
Delivery from Spring 2027 thru Fall 2027 from Possibility Place Nursery & Spring Grove Nursery:	48.78	53.41	60.77	71.40	79.57
Delivery from Spring 2028 thru Fall 2028 from Wilson, Klehm & Fiore Nurseries:	35.70	43.55	47.48	55.35	69.88
Delivery from Spring 2028 thru Fall 2028 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:	42.35	43.55	56.87	65.95	80.46
Delivery from Spring 2028 thru Fall 2028 from Possibility Place Nursery & Spring Grove Nursery:	54.15	59.28	67.45	79.25	88.33
Delivery from Spring 2029 thru Fall 2029 from Wilson, Klehm & Fiore Nurseries:	41.10	50.10	54.60	63.65	80.36
Delivery from Spring 2029 thru Fall 2029 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:	48.70	53.40	65.40	75.90	92.60
Delivery from Spring 2029 thru Fall 2029 from Possibility Place Nursery & Spring Grove Nursery:	62.30	68.20	74.10	80.00	95.90
Delivery from Spring 2030 thru Fall 2030 from Wilson, Klehm & Fiore Nurseries:	43.60	53.10	57.85	67.50	85.15
Delivery from Spring 2030 thru Fall 2030 from Hinsdale, Breezy Hill, Doty, Goodmark & McHenry County Nurseries:	51.60	56.60	69.30	80.45	98.15
Delivery from Spring 2030 thru Fall 2030 from Possibility Place Nursery & Spring Grove Nursery:	66.00	72.25	78.50	84.75	101.60
Mulch Spring 2026 thru Fall 2026	24.00	25.00	26.00	28.00	32.00
Mulch Spring 2027 thru Fall 2027	25.68	26.75	27.82	29.96	34.24
Mulch Spring 2028 thru Fall 2028	28.51	29.69	30.88	33.26	38.01
Mulch Spring 2029 thru Fall 2029	31.00	32.00	34.00	36.00	40.00
Mulch Spring 2030 thru Fall 2030	32.80	33.90	36.00	38.15	42.40

Extra Services 2026 Season:

	1 gal	3 gal/18"	5 gal/24"	7 gal/36"
Shrub Installation	20.00	42.60	60.50	88.40
Shrub Mulching	7.00	14.20	17.00	26.00
Delivery - assumes with trees being delivered at the same time. Shrub only plantings will carry a minimum delivery charge:				
Wilsons	7.00	14.20	17.00	26.00
Hinsdale, Doty, Goodmark	8.00	16.20	19.40	29.60
Spring Grove	10.40	21.00	25.20	38.50

Gator Bag Brand Water Bags	81.00
Generic Water Bags	62.40
Tree Diaper	143.50

Price does not include pre-charging of the bag. Pre-charging requires a temporary water pool and space available to charge plus an additional $9.00 handling fee.

Fold Cage (if not low profile), Cut Twine, Peel Back Burlap

	1.5"-3"	3.5"-4.5"
Per Tree Cost	17.50	22.00

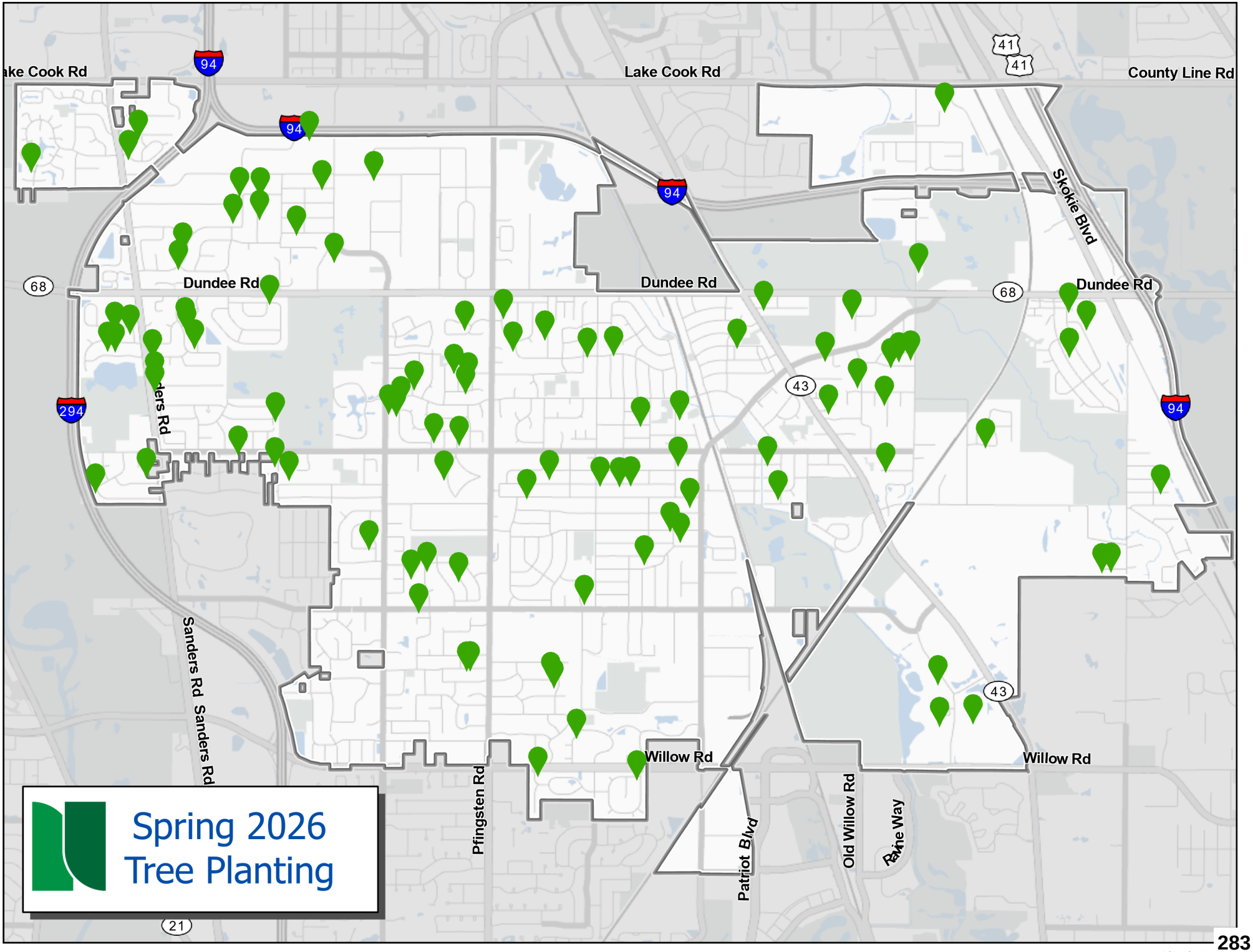
Cut Basket/Remove (in addition to above cost)

	1.5"-3"	3.5"-4.5"
Per Tree Cost	18.50	20.60

*** All sizes move/transplant nearby double planting cost or quote basis**
*** Optional out of specification planting requests $2.00 per inch/per tree cost**

Delivery Fuel Surcharge

	Per Gallon $4.00-$5.00	Per Gallon $5.01-$6.00	Per Gallon $6.01-$7.00	Per Gallon $7.01-$8.00
Per Tree Cost	1.45	2.70	3.95	5.20


Lake Cook Rd
Lake Cook Rd
County Line Rd
94
94
94
41
41
Skokie Blvd
68
Dundee Rd
Dundee Rd
68
Dundee Rd
294
43
94
Sanders Rd
Sanders Rd
43
Willow Rd
Willow Rd
Pfingsten Rd
Patriot Blvd
Old Willow Rd
Pine Way
21
Spring 2026
Tree Planting

4/10/2026

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Deputy Public Works Director Matt Morrison
Date: 2026-04-28
Subject: A Resolution Authorizing the Grant Funded Purchase of a Rapid Deployable Emergency Barrier System from Meridian Rapid Defense Group Sales, LLC of Pasadena, California

Overview
The Villages of Northbrook and Wheeling were jointly awarded a State grant for the purchase of public safety equipment that will be shared pursuant to the Intergovernmental Agreement approved by Resolution 2025-160.

Fiscal Impact
The Village of Northbrook has received a grant through the Illinois Department of Commerce and Economic Opportunity for the purchase of a fire response utility task vehicle, LED message boards, and a rapid response traffic barrier system. This grant will reimburse the Village for the cost of these purchases up to $500,000.

Staff obtained pricing from Meridian Rapid Defense Group Sales LLC of Pasadena, California for the purchase of 33 Archer 1200 barriers, 2 transport trailers, and associated equipment such as a gate kit and tools for moving the barriers into place. The total cost of the materials inclusive of shipping is $354,790. The Meridian product was awarded a contract through the U.S. General Services Administration (Contract #47QSWA19D001F) which allows other governmental entities such as Northbrook to jointly purchase.

A 50% deposit of $177,395 is required and will be paid from 11-2100-705-31 in FY26 and as a "prepaid" expense pursuant to generally accepted accounting procedures. A budget amendment will be presented in FY27 to carry over the unexpended appropriation from FY26 to FY27 to allow staff to charge the full expenditure in FY27 once the village takes delivery of the equipment.

The grant reimbursement will be shown separately as a revenue offset to the expenditure once all conditions are satisfied and the Village receives the grant proceeds.

Recommendation
Approval.

Background
The Villages of Northbrook and Wheeling were awarded a grant from the State of Illinois for

the purchase of shared emergency equipment. The grant agreement with the State of Illinois was approved by Resolution 2025-165 and the Intergovernmental Agreement with Wheeling was approved by Resolution 2025-160 (both included as Supplemental Information).This grant will cover the purchase of a utility task vehicle, LED message boards, and a rapid response traffic barrier system.

The Village of Northbrook Police Department has identified the rapid response traffic barrier system from Meridian Rapid Defense Group Sales, LLC of Pasadena, California as the product that best meets the Village's needs. The system has been used on a trial basis during a special event and staff found the ease of use combined with the protection provided by the barriers as the best solution for the Village's operations. The proposed barriers allow for rapid deployment to close roads during special events or in case of other disruptions and would be used in place of Public Works dump trucks in most cases.

The Village obtained a quote through the U.S. Government Services Administration contract with Meridian Rapid Defense Group Sales, LLC of Pasadena, California (Contract #47QSWA19D001F). This contract allows for governmental entities such as Northbrook to jointly purchase from them. The Village has determined that this process meets the requirements of its procurement policies.

As outlined in the Intergovernmental Agreement, these barriers will be shared with the Village of Wheeling and stored at the Village of Wheeling's Public Works facility. The communities will cooperate to share and access this equipment as needed. With that, staff recommends Village Board approval for the purchase of a rapid response traffic barrier system from Meridian Rapid Defense Group Sales, LLC of Pasadena, California in the amount of $354,790.

A Resolution Authorizing the Grant Funded Purchase of a Rapid Deployable Emergency Barrier System from Meridian Rapid Defense Group Sales LLC of Pasadena, California
Exhibit A - Meridian Rapid Defense Group Sales - Barrier System Quote
Supplemental Information - Resolution 2025-160.pdf
Supplemental Information - Resolution 2025-165.pdf

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Grant Funded Purchase of a Rapid Deployable Emergency Barrier System from Meridian Rapid Defense Group Sales LLC of Pasadena, California

is hereby adopted, as follows:

Section 1. Recitals.

The Village of Northbrook received a grant from the State of Illinois' Department of Commerce and Economic Opportunity in the amount of $500,000 to reimburse the purchase of a fire response utility task vehicle, LED message boards, and a rapid response traffic barrier system ("***Barrier System***"). These assets are intended to be shared with the Village of Wheeling. The grant agreement with the State was approved by Resolution 2025-165. The Village also entered into an Intergovernmental Agreement with the Village of Wheeling outlining the sharing and responsibilities for these assets which was approved by Resolution 2025-160.

Public Works staff worked with the Village of Wheeling and the Northbrook Police Department to identify the solutions for the Barrier System. The solution provided by Meridian Rapid Defense Group Sales LLC of Pasedena, California ("***Vendor***") best meets the needs of the Villages in terms of rapid deployment and security. The Barrier System is available through a U.S. General Services Administration Contract (Contract #47QSWA19D001F) which allows for governmental entities, such as the Village of Northbrook, to jointly purchase from it and which meets the Village's procurement requirements. Staff obtained pricing for the purchase of the Barrier System from the Vendor for a total amount of $354,790, in accordance with the quote included as ***Exhibit A***.

Sufficient funds are available in the FY 2025/26 Budget in Account 11-2100-705-31 for the 50% deposit that will be paid in this fiscal year. The remaining balance will be paid in Fiscal Year 2026/27 and require a carry forward Budget Amendment. Based on these factors, staff recommends Village Board authorization for the purchase of the Barrier System from the Vendor as outlined in the quote included as **Exhibit A**. The purchase of the Barrier System will be reimbursed through the State of Illinois grant.

The President and the Board of Trustees have considered these procurements and determined that they are the best interests of the Village.

Section 2. Authorization of Procurement.

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of Barrier System from the Vendor, as outlined in the quote included as ***Exhibit A*** to this Resolution.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
ABSTAIN:
ABSENT:

ATTEST:

_____
Village President

_____
Village Clerk

Meridian Rapid Defense Group Sales LLC
177 E. Colorado Blvd
Suite 200
Pasadena CA 91105
United States

Quote

#QUO-S-12031

04/16/2026

GSA Contractor Multiple Award Schedule
Code J: Security & Protection

GSA Contract #47QSWA19D001F

Bill To
Village of Northbrook
1225 Cedar Lane
Northbrook IL 60062
United States

Ship To
Village of Northbrook
1225 Cedar Lane
Northbrook IL 60062
United States

Date	Expires	Shipping Method	Sales Rep
04/16/2026	07/16/2026	Common Carriers - Sales	Logan J Dowell

Item		Price Level	Quantity	Rate	Amount
T1000	Archer T-1000 Drop Deck Trailer	GSA	2	34,247.85	$68,495.70
AB1200	Archer 1200 Barrier	GSA	33	6,513.75	$214,953.75
RG	Archer Rapid Gate Kit	GSA	2	12,540.18	$25,080.36
ACP001ADA	3 Channel ADA Cable Protector (1 Piece)	GSA	18	287.09	$5,167.62
AACN4F022	Archer Arrestor Cable – 4 ft.	GSA	33	574.18	$18,947.94
AFTB001	Archer Field Tow Bar	GSA	1	574.18	$574.18
AMHA003-2	Archer Manual Hauler 2.0	GSA	4	1,925.18	$7,700.72
AGP001	Graphics Package	GSA	33	56.94	$1,879.02
MCTR002	Annual Certified Training		1	3,995.00	$3,995.00

Subtotal	$346,794.29
Shipping Cost	$7,995.00
Tax (0%)	$0.00
Total	$354,789.29

Notes:

Payment Terms:
Due to high demand, Meridian is requesting a 50% deposit to ensure timely delivery of your product.

Wire Transfer Instructions:
Meridian Rapid Defense Group Sales LLC
Account Number: 568605235
Bank Name: Chase Bank, N.A.
Wire Routing : 021000021
ACH Routing : 322271627

Check Remittance:
530 New Los Angeles Ave #115-345
Moorpark, CA 93021

QUO-S-12031

Resolution 2025-R-160

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing an Intergovernmental Agreement with the Village of Wheeling for the Purchase and Sharing of Grant Funded Public Safety Equipment

is hereby adopted, as follows:

Section 1. RECITALS

The Village of Northbrook ("***Northbrook***") and the Village of Wheeling ("***Wheeling***") desire to enter into an agreement for the purchase and sharing of public safety equipment. This public safety equipment ("***Public Safety Equipment***") shall include a rapid response barrier system and associated equipment, a fire response utility task vehicle (UTV) and associated equipment, and LED changeable message boards. This Public Safety Equipment will be purchased under State of Illinois Department of Commerce and Economic Opportunity grant No 25-203353 ("***Grant Agreement***"), which was secured with the assistance of Representative Katz Muhl. As the Grantee, the Village of Northbrook must purchase and title all equipment for the duration of the Grant Agreement.

To outline the responsibilities and relationship of the Public Safety Equipment purchased with the grant funds, Northbrook and Wheeling will enter into the Intergovernmental Agreement ("***Agreement***"), included and incorporated into Resolution as ***Exhibit A.*** This Agreement outlines ownership and insurance for the duration of the Grant Agreement, storage and access to the equipment, and process for transferring a portion of the Public Safety Equipment once the Grant Agreement has concluded. Regardless of ownership of the Public Safety Equipment, Northbrook and Wheeling intend to continue to share the equipment as outlined in *Exhibit A*.

Based on these factors, Village staff recommends entering into an Agreement with the Village of Wheeling for the purchase and sharing of Public Safety Equipment as specified in *Exhibit A* to this Resolution.

The President and the Board of Trustees have considered the Agreement and determined that it is in the best interests of the Village and the public to enter into the Agreement.

Section 2. APPROVAL OF AGREEMENT

The Agreement is approved in substantially the form attached to this Resolution and in a final form acceptable to the Village Manager and the Village Attorney.

Section 3. AUTHORIZATION TO EXECUTE AGREEMENT

The Village Manager and the Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Agreement only after receipt by the Village Clerk of at least three original copies of the Agreement executed by Wheeling; provided, however, that if such executed copies of the Agreement are not received by the Village Clerk within 30 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Approved: 10/14/25

RESULT:	**APPROVED [5 – 0]**
MOVER:	Robert Israel, Trustee
SECONDER:	Joy Ebhomielen, Trustee
AYES:	Israel, Hebl, Ebhomielen, Kohler, Cassidy
NAYES:	None
ABSTAIN:	Kathryn Ciesla, President
ABSENT:	Heather Ross, Trustee

/s/ Kathryn Ciesla
Village President

ATTEST:

/s/ Derek Gau
Village Clerk

INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF WHEELING AND THE VILLAGE OF NORTHBROOK

THIS INTERGOVERNMENTAL AGREEMENT (***"Agreement"***) is made and entered into as of the ___ day of _____, 2025 (***"Effective Date"***), and is by and between the Village of Wheeling, an Illinois home rule municipality (***"Wheeling"***), and the Village of Northbrook, an Illinois home rule municipal corporation (***"Northbrook"***) (collectively, Wheeling and Northbrook are the ***"Parties"***).

IN CONSIDERATION OF the agreements set forth in this Agreement, the receipt and sufficiency of which are mutually acknowledged, and pursuant to the Wheeling's and Northbrook's statutory and home rule powers, the Parties agree as follows:

SECTION 1. RECITALS.

A. Article VII, Section 10 of the Illinois Constitution and the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.,* authorize and encourage intergovernmental cooperation.

B. The Parties were identified to receive grant funds for the purchase and sharing of public safety equipment, specifically the purchase of rapid response equipment.

C. Northbrook has been identified by the State of Illinois Department of Commerce and Economic Opportunity in Agreement No. 25-203353 ("***Grant Agreement***") as the Grantee. As Grantee, Northbrook will purchase the public safety equipment in an amount up to the grant award of $500,000. This public safety equipment will include rapid response barrier system and associated equipment/trailers, a fire response utility task vehicle and associated equipment/trailer, and trailer mounted solar powered changeable message boards (collectively the "***Public Safety Equipment***").

D. Northbrook will serve as owner of this Public Safety Equipment in accordance with the terms and conditions of the Grant Agreement. Wheeling will be responsible for storing this Public Safety Equipment. As owner, Northbrook will title and insure the Public Safety Equipment.

E. The Parties desire to enter into this Agreement in order to set forth their roles, responsibilities and obligations with respect tot the Public Safety Equipment.

SECTION 2. RESPONSIBILITY OF EACH PARTY.

A. Northbrook shall serve as the lead agency and be responsible for the execution of the Grant Agreement with the State of Illinois and the subsequent purchase of the Public Safety Equipment. Wheeling shall cooperate with Northbrook, as necessary, in order to allow Northbrook to complete the purchase of the Public Safety Equipment.

B. Wheeling shall be responsible for the storage of the Public Safety Equipment within its facilities, buildings or property. Wheeling shall ensure that the Public Safety Equipment is kept in a safe, secure and enclosed facility. Wheeling must provide Northbrook with reasonable access to the equipment and shall not deny Northbrook entry to its facilities to obtain the Public Safety Equipment for use by Northbrook.

C. The use, maintenance and operation of the Public Safety Equipment shall be governed by the requirements set forth in Appendix B to this Agreement.

D. Each Party represents that only capable, experienced and qualified personnel will operate and use the Public Safety Equipment.

E. At the conclusion of the term of the Grant Agreement, Northbrook will transfer ownership of the fire response utility task vehicle and associated equipment/trailers and trailer mounted solar powered changeable message boards to Wheeling. Following the term of the Grant Agreement and transfer of equipment from Northbrook to Wheeling, the Parties agree to continue to cooperate and share the Public Safety Equipment as may be necessary from time to time in accordance with this Agreement.

SECTION 3. ADMINISTRATION.

A. The Parties agree to work cooperatively to produce information as needed to meet the requirements of the Grant Agreement, including audits associated with the Grant Agreement.

B. The Parties agree to share information on maintenance and inspections of the Public Safety Equipment as may become necessary.

SECTION 4. REPAIRS.

A. Minor Repair. Each Party shall return all Public Safety Equipment promptly after use and in the same condition as when it was taken, except for ordinary wear and tear. Except for Significant Repairs as set forth below, each Party agrees to pay for any damage to, or repairs necessary for, the Public Safety Equipment that occurs while that Party is in possession or control of Public Safety Equipment, including all damage caused by a Party's employees, agents, contractors or volunteers. Neither Party may make any modifications or repairs to Public Safety Equipment without the prior written approval of the other Party.

B. Significant Repairs. The Parties agree to share equally in the cost of all significant repairs needed for the Public Safety Equipment to remain operational during the term of this Agreement. Significant repairs are those that are determined to be in excess of $5,000. If a significant repair is the result of an accident, the parties shall share equally in any cost that remains after any insurance reimbursement is deducted. As lead agency and owner of the Public Safety Equipment, Northbrook will make the final decision as to whether a repair is a significant repair. The party completing the significant repair will pay the cost and invoice the other party for 50% of the total cost of the significant repair. The other party must pay all amounts invoiced no later than 45 days after receiving the invoice.

SECTION 5. PUBLIC SAFETY EQUIPMENT PURCHASES.

A. Cooperation Regarding Public Safety Equipment Purchases. The Parties will cooperate regarding planning for, and purchasing of, Public Safety Equipment as well as supplies for the maintenance, use, and benefit of the Public Safety Equipment.

B. Consensus on Purchase of Public Safety Equipment. The Parties will cooperate on the specifications of the Public Safety Equipment to be purchased in order to meet the needs of the Parties while also remaining within the awarded grant amount.

C. Use of Joint Purchasing Contracts. The Parties agree that use of joint purchasing contracts that meet the purchasing requirements of the Grant Agreement are acceptable and in the best interests of the parties in order to meet the timelines established in the Grant Agreement.

D. If the Parties cannot agree on the selection or purchase of the Public Safety Equipment within six months after the effective date of this Agreement, Northbrook, as the lead agency, will make the final determination as to what Public Safety Equipment to purchase.

SECTION 6 COMPLIANCE WITH GRANT.

A. The Act. The Parties will, at all times, operate in compliance with the Grant Agreement, as it may be amended from time to time.

B. Other Laws, Ordinances, and Regulations. It is the responsibility of the Parties to comply with all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time as it applies to the maintenance, operation, and ownership of the public safety equipment in accordance with Grant No. 25-203353.

SECTION 7. INSURANCE; WAIVER OF LIABILITY; INDEMNITY.

A. Insurance. As owners of the Public Safety Agreement for the duration of the period outlined in the Grant Agreement, Northbrook shall title and insure the Public Safety Equipment. Upon transfer of some or all of the Public Safety Equipment the Wheeling shall become responsible for titling and insuring that Public Safety Equipment.

B. Assumption of Liability. The Parties assume any and all liability arising from the use of public safety equipment and supplies used for their respective purposes or operations as allowed under this Agreement.

C. Indemnification. The Parties will indemnify, hold harmless, and defend each other against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with: (i) the use of Public Safety Equipment for their operations; (ii) this Agreement.

D. No Waiver of Tort Immunity Defenses. Nothing contained in this Agreement is or will be deemed to be a waiver of the defenses available to the Parties under the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.,* with respect to claims by third parties.

E. Responsibility for Damage or Loss. The Parties will be responsible and liable for, and must promptly and without charge to the other, repair or replace, damage done to, and any loss or injury (collectively, ***"Loss"***) suffered by, the Public Safety Equipment to the extent the Loss arises out of the acts or omissions of the party using the Public Safety Equipment.

F. Responsibility for Delay. The Parties may not hold each other liable for any delays in the procurement or receipt of Public Safety Equipment purchases, parts, or repairs that may be due to compliance with the terms of this Agreement.

SECTION 8. TERM; TERMINATION.

A. Term. The term of this Agreement is for one year after the date on which the Agreement is fully executed (***"Term"***) and will automatically renew for successive one-year renewal terms unless terminated in accordance with this Agreement.

B. Termination. Either Party may terminate this Agreement with or without cause by

providing 180 days' prior written notice to the other Party. If Wheeling terminates this Agreement prior to the transfer of ownership of the Public Safety Equipment, Northbrook will retain ownership of all Public Safety Equipment and Wheeling shall cooperate to transfer possession of the Public Safety Equipment to Northbrook.

SECTION 9. ENFORCEMENT. The Parties to this Agreement may, in law or in equity, by suit, action, mandamus, or any other proceeding, including without limitation specific performance, enforce or compel the performance of this Agreement; provided, however, that the Parties agree that each will not seek, and do not have the right to seek, to recover a judgment for monetary damages against the Wheeling or Northbrook, or any of its elected or appointed officials, officers, employees, agents, representatives, or attorneys, on account of the negotiation, execution, or breach of this Agreement or on an account of a tort committed by Wheeling or Northbrook except for claims based on gross negligence or willful misconduct on the part of the Wheeling or Northbrook. In the event of a judicial proceeding brought by one Party to this Agreement against the other Party to this agreement, the successful Party shall be entitled to reimbursement from the unsuccessful party of all costs and expenses, including without limitation reasonable attorneys' fees, incurred in connection with the judicial proceeding.

SECTION 10. GENERAL PROVISIONS.

A. Binding Agreement. This Agreement is binding on and will inure to the benefit of the Parties, and their respective successors and assigns.

B. Amendments and Modifications. No amendment or modification to this Agreement will be effective until it is reduced to writing and approved and executed by the Parties to this Agreement.

C. Governing Laws; Venue. This Agreement will be governed by, construed, and enforced in accordance with the laws of the State of Illinois. Exclusive jurisdiction with regard to the any actions or proceedings arising from, relating to, or in connection with this Agreement will be in Cook County, Illinois.

D. Authority to Execute. The Parties warrant and represent that the persons executing this Agreement on their behalf have been properly authorized to do so.

E. Interpretation. This Agreement will be construed without regard to the identity of the Party who drafted the various provisions of this Agreement. Moreover, each and every provision of this Agreement will be construed as though all Parties participated equally in the drafting of this Agreement. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting Party will not be applicable to this Agreement.

F. Rights Cumulative. Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement will be cumulative and will not be exclusive of any other rights, remedies, and benefits allowed by law.

G. No Third-Party Beneficiaries. No claim as a third-party beneficiary under this Agreement by any person, firm, or corporation will be made, or be valid, against the Parties.

H. Entire Agreement. It is understood and agreed that all understandings and agreements between the Parties are merged in this Agreement and neither Party is relying upon any statement or representation, not embodied in this Agreement.

I. Assignment. This Agreement cannot be assigned by any Party without the written consent of the other Party and should any assignment be made by one Party without the written consent of the other Party, such assignment will be null and void.

J. Notices. Any notice required to be given under this Agreement must be in writing and must be delivered (i) personally, (ii) by a reputable overnight courier, (iii) by certified mail, return receipt requested, and deposited in the U.S. Mail, postage prepaid, or (iv) by email. Email notices will be deemed valid and received by the addressee only upon explicit or implicit acknowledgment of receipt by the addressee. Unless otherwise expressly provided in this Agreement, notices will be deemed received upon the earlier of (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail, as evidenced by a return receipt. By notice complying with the requirements of this Section 8.J, each party will have the right to change the address or the addressee, or both, for all future notices to the other party, but no notice of a change of addressee or address will be effective until actually received.

To Northbrook: Cara Pavlicek, Village Manager
Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062
cara.pavlicek@northbrook.il.us

With a copy to:
Kelly Hamill, Director of Public Works
Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062
kelly.hamill@northbrook.il.us

With a copy to:
Elrod Friedman LLP
350 N. Clark Street, Second Floor
Chicago, Illinois 60654
Attention: Steven Elrod
E-mail: steve.elrod@elrodfriedman.com

To Northbrook: Jon Sfondilis, Village Manager
Village of Wheeling
2 Community Blvd.
Wheeling, IL 60090
jsfondilis@wheelingil.gov

With a copy to:
Dan Kaup, Deputy Village Manager/Director of Public Works
Village of Wheeling
2 Community Blvd.
Wheeling, IL 60090
dkaup@wheelingil.gov

With a copy to:
Klein, Thorpe and Jenkins

544 Lakeview Parkway, Suite 301
Vernon Hills, Illinois 60061
Attention: James Ferolo
Email: jvferolo@ktjlaw.com

K. Counterpart Signatures. For the convenience of the Parties, this Agreement may be executed in counterparts, each counterpart will be deemed an original instrument, and such counterparts taken together will constitute one and the same Agreement.

L. Severability. The provisions of this Agreement will be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Agreement is held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Agreement will be in any way affected thereby.

The remainder of this page is intentionally left blank.

IN WITNESS WHEREOF, the Parties agree to the terms of this Agreement and set forth their signatures below:

ATTEST:

By: _____

Title: _____

VILLAGE OF WHEELING

By: _____

Its: _____

ATTEST:

By: _____

VILLAGE OF NORTHBROOK

By: _____

IN WITNESS WHEREOF, the Parties agree to the terms of this Agreement and set forth their signatures below:

ATTEST:

VILLAGE OF WHEELING

By:_____

Title:_____

By: _____

Its: _____

ATTEST:

VILLAGE OF NORTHBROOK

By: _____

VILLAGE OF NORTHBROOK CORPORATE SEAL COOK COUNTY, ILL.

By: _____

Appendix A

Village of Northbrook

Bill of Sale

KNOW ALL BY THESE PRESENTS, that the **VILLAGE OF NORTHBROOK** ("***Grantor***"), in consideration of Ten and no/100 Dollars ($10.00) and other consideration, the sufficiency and receipt of which are hereby acknowledged, does hereby sell, assign, transfer and set over to the **VILLAGE OF WHEELING,** an Illinois municipal corporation, with its principal place of business at 2 Community Boulevard, Wheeling, IL 60090 ("***Grantee***"), the following described personal property (collectively "***Personal Property***"):

[INSERT DESCRIPTION]

The Grantor represents and warrants to the Grantee that the Grantor is the absolute owner of the Personal Property, that all of the Personal Property is free and clear of all liens, charges and encumbrances, and that the Grantor has full right, power and authority to sell and transfer the Personal Property and to make this Bill of Sale.

The Grantor acknowledges that, upon this sale and transfer, the Grantee will be the sole and absolute owner of the Personal Property, and will have the right to use the Personal Property in any manner it deems appropriate, including, without limitation, affixing the Personal Property to posts and other fixtures owned by the Grantee and located on public property and public rights-of-way, for public viewing and display.

If this Bill of Sale is signed by more than one Grantor, all persons so signing shall be jointly and severally bound hereby.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Grantor has signed and sealed this bill of sale at _____, this _____ day of _____, 20__.

GRANTOR: Village of Northbrook

By:_____

Print Name:_____

As Its:_____

ACKNOWLEDGEMENT OF RECEIPT

Grantee does hereby acknowledge receipt of the Personal Property transferred by this Bill of Sale.

GRANTEE: Village of Wheeling

By: _____

Date: _____

NOTARIZATION OF GRANTOR'S SIGNATURE

STATE OF ILLINOIS)
) ss:
COUNTY OF COOK)

The foregoing instrument was acknowledged before me on _____, 20__, by _____, _____, who are known to me to be the persons who signed the foregoing instrument as the Grantor, and that they executed and attested to the same as their free and voluntary act and deed, and as the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned.

_____
Notary Public

SEAL

My Commission expires: _____

#55556466_v2

Appendix B

Equipment Information and Responsibilities

The following sections are intended to outline the use and maintenance of the Public Safety Equipment purchased under the Grant Agreement.

Section 1. Rapid Response Barrier System

Description: The rapid response barrier system shall consist of Archer 1200 Barriers, Archer Rapid Gate Kit, 3 Channel ADA Cable Protector, Archer Arrestor Cable, Archer Field Tow Bar, Archer Manual Hauler 2.0, Archer T-1000 Drop Deck Trailer. The final quantities of these materials shall be determined at the time of award issuance of a purchase order.

Storage of Equipment: Equipment shall be stored at 77 Hintz Road, Wheeling, Illinois, commonly known as the Village of Wheeling Public Works facility. Equipment may be stored inside or outside as deemed necessary.

Access to/Sharing of Units: If not being used by a community, the rapid response barrier system stored at Wheeling will be made available, regardless of time or day. The community requesting access to the units will provide as much notice as practicable, but both communities recognize that in the case of emergency this may not be possible. Communities will make their best efforts to pick-up and return the units during regular working hours, but both communities will respond after hours if necessary. Each community will be responsible for their own labor costs to make the units available.

Requests for access to and communication on use of the rapid response barrier system shall be handled through the Directors of Public Works for each community or their designee. Should a conflict arise between the use of the equipment, the issue will be escalated to the office of the Village Manager for each Community to be resolved.

Inspections: The Parties will conduct inspections of the equipment before and after use. Any repairs or deficiencies shall be notified with the other community and repairs scheduled.

Contacts: The Parties will share and update contacts for access to the units as needed but not less than annually.

Purchasing – Northbrook will procure the barriers and trailers in accordance with the requirements and the Grant Agreement.

Registration and Titling of Units: The trailers associated with the rapid response barrier system shall be titled and registered with the State of Illinois with the Village of Northbrook as owner.

Insurance: As owner, the Village of Northbrook will include and provide the same insurance as comparable trailers in Northbrook's fleet. The barrier system and accessories shall be insured in a manner similar to other Village equipment.

Indemnification: Wheeling agrees to indemnify and hold harmless Northbrook, IRMA, and the agents of both organizations for any acts that may occur while the barriers or associated equipment are used by Wheeling.

Repairs – Routine maintenance of the trailers and barriers will be performed after each use by the community using the trailers and equipment. Repairs totaling more than $5,000 will be shared between the community but only after concurrence between the two communities.

End of Useful Life – At any time if a repair exceeds the current value of the unit, the unit shall be determined to have reached the end of its useful life.

Disposal of Equipment – If/when the unit has reached the end of its useful life, the unit shall be disposed of in accordance with the terms of the Grant Agreement.

Section 2: Fire Response Utility Task Vehicle

Description: The Fire Response Utility Task Vehicle (UTV) shall consist of a Polaris Ranger XD 1500 NorthStar with a Fire and Rescue Skid in the back. In conjunction with the Fire Response UTV, a transport trailer shall also be furnished. The trailer and vehicle may have identification added to them identifying them as Village of Wheeling units. Wheeling will outfit the units with appropriate communications equipment and lights as needed.

Storage of Equipment: The Fire Response UTV and associated trailer shall be stored 499 South Milwaukee Avenue, commonly known as Village of Wheeling Fire Station 44. Equipment may be stored inside or outside as deemed necessary.

Access to/Sharing of Units – The Fire Response UTV shall be in the primary possession of the Village of Wheeling, if the Village of Northbrook requires the assistance of the Village of Wheeling Fire Department and the Fire Response UTV, the Village of Northbrook will activate the appropriate mutual aid systems to obtain assistance.

Contacts: The communities will share and update contacts for access to the units as needed but not less than annually.

Purchasing – The Village of Northbrook will procure the Fire Response UTV and the associated trailer in accordance with the requirements of the grant agreement and in accordance with the needs/specifications of the Village of Wheeling.

Registration and Titling of Units: Northbrook shall title and serve as owner of the Fire Response UTV and associated trailer for the duration of the Grant Agreement. If after the Grant Agreement is completed and Fire Response UTV is transferred to Wheeling in accordance with this agreement, Wheeling shall be the owner of the UTV and trailer. Wheeling agrees to continue to abide by any and all remaining Grant Agreement terms and conditions for the life of the Fire Response UTV.

Transfer of Units: At a time permitted by the Grant Agreement, Northbrook will transfer the Fire Response UTV in accordance with the terms of the Grant Agreement and this Agreement. The Bill of Sale identified in Appendix A of this Agreement shall be used.

If at that time, Wheeling chooses not to accept the unit, Northbrook may relocate the unit to one of their Fire Stations for use and storage. At that time, Northbrook may update communications equipment and identifications on the trailer and Fire Response UTV.

Repairs: Repairs and maintenance of the units shall be the responsibility of Wheeling.

End of Useful Life: At any time if a repair exceeds the current value of the unit, the unit shall be determined to have reached the end of its useful life.

Replacement: at the end of the units lives this portion of the agreement shall become null and void and shall not extend to any future replacements unless mutually agreed to by the Parties.

Insurance: Northbrook shall insure the units in a manner similar to equivalent equipment in its fleet until such time as the vehicle is transferred.

Indemnification: Wheeling agrees to indemnify and hold harmless Northbrook, IRMA, and the agents of both organizations for any acts that may occur while the trailers are used by Wheeling.

Disposal of Equipment: If/when the unit has reached the end of its useful life, the unit shall be disposed of in accordance with the terms of the Grant Agreement.

Section 3: Trailer Mounted Solar Powered Message Boards

Description: These shall consist of trailer mounted solar powered LED message boards ("***Message Boards***"). The final quantities of this equipment shall be determined at the time of award issuance of a purchase order.

Storage of Equipment: Equipment shall be stored at 77 Hintz Road, Wheeling, Illinois, commonly known as the Village of Wheeling Public Works facility. Equipment may be stored inside or outside as deemed necessary.

Access to/Sharing of Units: If not being used by a community, Wheeling will make available some or all of the message boards stored at their facility, regardless of time or day. The community requesting access to the units will provide as much notice as practicable, but both communities recognize that in the case of emergency this may not be possible. Communities will make their best efforts to pick-up and return the units during regular working hours, but both communities will respond after hours if necessary. Each community will be responsible for their own labor costs to make the units available.

Requests for access to and communication on use of the rapid response barrier system shall be handled through the Directors of Public Works for each community or their designee. Should a conflict arise between the use of the equipment, the issue will be escalated to the office of the Village Manager for each Community to be resolved.

Inspections: The Parties will conduct inspections of the Message Boards before and after use. Any repairs or deficiencies shall be notified with the other community and repairs scheduled.

Contacts: The Parties will share and update contacts for access to the units as needed but not less than annually.

Purchasing – Northbrook will procure the Message Boards in accordance with the requirements and the Grant Agreement.

Registration and Titling of Units: The Message Boards shall be titled and registered with the State of Illinois with the Village of Northbrook as owner for the duration of the Grant Agreement. If after the Grant Agreement is completed and Message Boards are transferred to Wheeling in accordance with this agreement, Wheeling shall be the owner of the Message Boards. Wheeling agrees to continue to abide by any and all remaining Grant Agreement terms and conditions for the life of the Message Boards.

Transfer of Units: At a time permitted by the Grant Agreement, Northbrook will transfer the Fire Response

UTV in accordance with the terms of the Grant Agreement and this Agreement. The Bill of Sale identified in Appendix A of this Agreement shall be used.

If at that time, Wheeling chooses not to accept the unit, Northbrook may relocate the unit to its Public Works Center for use and storage. At that time, Northbrook may update identifications on the trailer.

Repairs – Routine maintenance of the trailers and barriers will be performed after each use by the community using the trailers and equipment. Repairs totaling more than $5,000 will be shared between the community but only after concurrence between the two communities.

End of Useful Life – At any time if a repair exceeds the current value of the unit, the unit shall be determined to have reached the end of its useful life.

Replacement: at the end of the Message Boards lives this portion of the agreement shall become null and void and shall not extend to any future replacements unless mutually agreed to by the Parties.

Insurance: Northbrook shall insure the units in a manner similar to equivalent equipment in its fleet until such time as the vehicle is transferred.

Indemnification: Wheeling agrees to indemnify and hold harmless Northbrook, IRMA, and the agents of both organizations for any acts that may occur while the Message Boards are used by Wheeling.

Disposal of Equipment – If/when the Message Boards have reached the end of their useful life, the units shall be disposed of in accordance with the terms of the Grant Agreement.

Section 4: Additional Equipment and Resources

Description: Additional equipment and resources may be added to this Agreement as necessary upon mutual agreement of the Parties.

Resolution 2025-R-165

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing the Execution of a Grant Agreement with the State of Illinois' Department of Commerce and Economic Opportunity in the Amount of $500,000 for the Purchase of a Rapid Response Traffic Barrier System, a Fire Response Utility Task Vehicle (UTV), and LED Message Boards

is hereby adopted, as follows:

Section 1. RECITALS

The Village of Northbrook has received a grant from the State of Illinois' Department of Commerce and Economic Opportunity in the amount of $500,000. This grant will reimburse the Village for the purchase of public safety resources including a rapid response traffic barrier system, a fire response utility task vehicle (UTV) and LED message boards. While the Village of Northbrook is the grant awardee, these resources will be shared with the Village of Wheeling.

The Village of Northbrook and the Village of Wheeling will enter into an Intergovernmental Agreement outlining the shared nature of these resources and responsibilities for their use and maintenance that will be considered separately by the Board. Additionally, the purchases themselves will be brought to future meetings for the Board's consideration.

To receive the grant funds from the State of Illinois, the Village must enter into a grant agreement ("***Agreement***") with the State of Illinois' Department of Commerce and Economic Opportunity. This Agreement outlines the terms and conditions of the grant and is included as ***Exhibit A*** to this Resolution. The Village of Northbrook has budgeted funds in account 11-2100-705-31 for these public safety purchases.

The President and the Board of Trustees have considered the Agreement and determined that it is in the best interests of the Village and the public to enter into the Agreement with the State.

Section 2. APPROVAL OF AGREEMENT

The Agreement with the State is approved in substantially the form attached as ***Exhibit A*** and in a form acceptable to the Village Manager and the Village Attorney.

Section 3. AUTHORIZATION TO EXECUTE AGREEMENT

The Village President and Village Manager shall be, and are hereby, authorized and directed to execute and seal, on behalf of the Village, the Agreement and any other documents necessary to complete the Village's obligations under the Agreement.

Approved: 10/14/25

RESULT:	**APPROVED [5 – 0]**
MOVER:	Robert Israel, Trustee
SECONDER:	Joy Ebhomielen, Trustee
AYES:	Israel, Hebl, Ebhomielen, Kohler, Cassidy
NAYES:	None
ABSTAIN:	Kathryn Ciesla, President
ABSENT:	Heather Ross, Trustee

/s/ Kathryn Ciesla
Village President

ATTEST:

/s/ Derek Gau
Village Clerk

GRANT AGREEMENT
BETWEEN
THE STATE OF ILLINOIS, DEPARTMENT OF COMMERCE AND ECONOMIC OPPORTUNITY
AND
Village of Northbrook

The parties to this Grant Agreement (Agreement) are the State of Illinois (State), acting through the undersigned agency (Grantor) and Village of Northbrook (Grantee) (collectively, the "Parties" and individually, a "Party"). The Agreement, consisting of the signature page, the parts listed below, and any additional exhibits or attachments referenced in this Agreement, constitute the entire agreement between the Parties. No promises, terms, or conditions not recited, incorporated or referenced herein, including prior agreements or oral discussions, are binding upon either Grantee or Grantor.

PART ONE – The Uniform Terms

Article I	**Definitions**
Article II	**Award Information**
Article III	**Grantee Certifications and Representations**
Article IV	**Payment Requirements**
Article V	**Scope of Award Activities/Purpose of Award**
Article VI	**Budget**
Article VII	**Allowable Costs**
Article VIII	**Lobbying**
Article IX	**Maintenance and Accessibility of Records; Monitoring**
Article X	**Financial Reporting Requirements**
Article XI	**Performance Reporting Requirements**
Article XII	**Audit Requirements**
Article XIII	**Termination; Suspension; Non-compliance**
Article XIV	**Subcontracts/Subawards**
Article XV	**Notice of Change**
Article XVI	**Structural Reorganization and Reconstitution of Board Membership**
Article XVII	**Conflict of Interest**
Article XVIII	**Equipment or Property**
Article XIX	**Promotional Materials; Prior Notification**
Article XX	**Insurance**
Article XXI	**Lawsuits and Indemnification**
Article XXII	**Miscellaneous**
Exhibit A	**Project Description**
Exhibit B	**Deliverables or Milestones**
Exhibit C	**Contact Information**
Exhibit D	**Performance Measures and Standards**
Exhibit E	**Specific Conditions**

PART TWO – Grantor-Specific Terms

PART THREE – Project-Specific Terms

The Parties or their duly authorized representatives hereby execute this Agreement.

ILLINOIS DEPARTMENT OF COMMERCE AND ECONOMIC OPPORTUNITY

By: _____
Signature of Kristin A. Richards, Director

Date: _____

By: _____
Signature of Designee

Date: _____

Printed Name: _____

Printed Title: _____
Designee

By: _____
Signature of Second Grantor Approver, if applicable

Date: _____

Printed Name: _____

Printed Title: _____
Second Grantor Approver

By: _____
Signature of Third Grantor Approver, if applicable

Date: _____

Printed Name: _____

Printed Title: _____
Third Grantor Approver

VILLAGE OF NORTHBROOK

By: _____
Signature of Authorized Representative

Date: _____

Printed Name: Kathryn L Ciesla

Printed Title: Village President

Email: Kathryn.Ciesla@northbrook.il.us

By: _____
Signature of Second Grantee Approver, if applicable

Date: _____

Printed Name: _____

Printed Title: _____
Second Grantee Approver
(optional at Grantee's discretion)

PART ONE – THE UNIFORM TERMS

ARTICLE I
DEFINITIONS

1.1. Definitions. Capitalized words and phrases used in this Agreement have the meanings stated in 2 CFR 200.1 unless otherwise stated below.

"Allowable Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Award" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Budget" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Catalog of State Financial Assistance" or "CSFA" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Close-out Report" means a report from the Grantee allowing Grantor to determine whether all applicable administrative actions and required work have been completed, and therefore closeout actions can commence.

"Conflict of Interest" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Cooperative Research and Development Agreement" has the same meaning as in 15 USC 3710a.

"Direct Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Financial Assistance" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"GATU" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grant Agreement" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grantee Compliance Enforcement System" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Grant Funds" means the Financial Assistance made available to Grantee through this Agreement.

"Grantee Portal" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Indirect Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Indirect Cost Rate" means a device for determining in a reasonable manner the proportion of Indirect Costs each Program should bear. It is a ratio (expressed as a percentage) of the Indirect Costs to a Direct Cost base. If reimbursement of Indirect Costs is allowable under an Award, Grantor will not reimburse those Indirect Costs unless Grantee has established an Indirect Cost Rate covering the applicable activities and period of time, unless Indirect Costs are reimbursed at a fixed rate.

"Indirect Cost Rate Proposal" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Obligations" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Period of Performance" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Prior Approval" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Profit" means an entity's total revenue less its operating expenses, interest paid, depreciation, and taxes. "Profit" is synonymous with the term "net revenue."

"Program" means the services to be provided pursuant to this Agreement. "Program" is used interchangeably with "Project."

"Program Costs" means all Allowable Costs incurred by Grantee and the value of the contributions made by third parties in accomplishing the objectives of the Award during the Term of this Agreement.

"Related Parties" has the meaning set forth in Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 850-10-20.

"SAM" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"State-issued Award" means the assistance that a grantee receives directly from a State agency. The funding source of the State-issued Award can be federal pass-through, State or a combination thereof. "State-issued Award" does not include the following:

contracts issued pursuant to the Illinois Procurement Code that a State agency uses to buy goods or services from a contractor or a contract to operate State government-owned, contractor-operated facilities;
agreements that meet the definition of "contract" under 2 CFR 200.1 and 2 CFR 200.331, which a State agency uses to procure goods or services but are exempt from the Illinois Procurement Code due to an exemption listed under 30 ILCS 500/1-10, or pursuant to a disaster proclamation, executive order, or any other exemption permitted by law;
amounts received for services rendered to an individual;
Cooperative Research and Development Agreements;
an agreement that provides only direct cash assistance to an individual;
a subsidy;
a loan;
a loan guarantee; or
insurance.

"Illinois Stop Payment List" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Unallowable Cost" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Unique Entity Identifier" or "UEI" has the same meaning as in 44 Ill. Admin. Code 7000.30.

ARTICLE II
AWARD INFORMATION

2.1. Term. This Agreement is effective on **08/01/2025** and expires on **06/30/2026** (the Term), unless terminated pursuant to this Agreement.

2.2. Amount of Agreement. Grant Funds must not exceed **$500,000.00**, of which **$0.00** are federal funds. Grantee accepts Grantor's payment as specified in this ARTICLE.

2.3. Payment. Payment will be made as follows (see additional payment requirements in ARTICLE IV; additional payment provisions specific to this Award may be included in **PART TWO** or **PART THREE**):

The Award amount listed in Paragraph 2.2 is not a guarantee of payment, and Grantee's receipt of Grant Funds is contingent upon all terms and conditions of this Agreement.

Reimbursement
Payments to the Grantee are subject to the Grantee's submission and certification of eligible costs and any documentation as required by the Grantor. Payment shall be initiated upon the Grantor's approval of eligible costs and cash amount requested for reimbursement of those costs.

2.4. Award Identification Numbers. If applicable, the Federal Award Identification Number (FAIN) is **N/A**, the federal awarding agency is **N/A**, and the Federal Award date is **N/A**. If applicable, the Assistance Listing Program Title is **N/A** and Assistance Listing Number is **N/A**. The Catalog of State Financial Assistance (CSFA) Number is 420-00-2725 and the CSFA Name is Provision of Services to the Public from Named Line GRF &/or FIF Source. If applicable, the State Award Identification Number (SAIN) is 2725-60280.

ARTICLE III
GRANTEE CERTIFICATIONS AND REPRESENTATIONS

3.1. Registration Certification. Grantee certifies that: (i) it is registered with SAM and **JY8VA8LVQJG5** is Grantee's correct UEI; (ii) it is in good standing with the Illinois Secretary of State, if applicable; and (iii) Grantee has successfully completed the annual registration and prequalification through the Grantee Portal.

Grantee must remain current with these registrations and requirements. If Grantee's status with regard to any of these requirements changes, or the certifications made in and information provided in the uniform grant application changes, Grantee must notify Grantor in accordance with ARTICLE XV.

3.2. Tax Identification Certification. Grantee certifies that: **366006017** is Grantee's correct federal employer identification number (FEIN) or Social Security Number. Grantee further certifies, if applicable: (a) that Grantee is not subject to backup withholding because (i) Grantee is exempt from backup withholding, or (ii) Grantee has not been notified by the Internal Revenue Service (IRS) that Grantee is subject to backup withholding as a result of a failure to report all interest or dividends, or (iii) the IRS has notified Grantee that Grantee is no longer subject to backup withholding; and (b) Grantee is a U.S. citizen or other U.S. person. Grantee is doing business as a (check one):

_____	Individual	_____	Pharmacy-Non Corporate
_____	Sole Proprietorship	_____	Pharmacy/Funeral Home/Cemetery Corp.
_____	Partnership	_____	Tax Exempt
_____	Corporation (includes Not For Profit)	_____	Limited Liability Company (select applicable tax classification)
_____	Medical Corporation		
X	Governmental Unit	_____	P = partnership
_____	Estate or Trust	_____	C = corporation

If Grantee has not received a payment from the State of Illinois in the last two years, Grantee must submit a W-9 tax form with this Agreement.

3.3. Compliance with Uniform Grant Rules. Grantee certifies that it must adhere to the applicable Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which are published in Title 2, Part 200 of the Code of Federal Regulations (2 CFR Part 200) and are incorporated herein by reference. 44 Ill. Admin. Code 7000.40(c)(1)(A). The requirements of 2 CFR Part 200 apply to the Grant Funds awarded through this Agreement, regardless of whether the original source of the funds is State or federal, unless an exception is noted in federal or State statutes or regulations. 30 ILCS 708/5(b).

3.4. Representations and Use of Funds. Grantee certifies under oath that (1) all representations made in this Agreement are true and correct and (2) all Grant Funds awarded pursuant to this Agreement must be used

only for the purpose(s) described herein. Grantee acknowledges that the Award is made solely upon this certification and that any false statements, misrepresentations, or material omissions will be the basis for immediate termination of this Agreement and repayment of all Grant Funds.

3.5. Specific Certifications. Grantee is responsible for compliance with the enumerated certifications in this Paragraph to the extent that the certifications apply to Grantee.

(a) **Bribery.** Grantee certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor made an admission of guilt of such conduct which is a matter of record.

(b) **Bid Rigging.** Grantee certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Paragraph 33E-3 or 33E-4 of the Criminal Code of 2012 (720 ILCS 5/33E-3 or 720 ILCS 5/33E-4, respectively).

(c) **Debt to State.** Grantee certifies that neither it, nor its affiliate(s), is/are barred from receiving an Award because Grantee, or its affiliate(s), is/are delinquent in the payment of any debt to the State, unless Grantee, or its affiliate(s), has/have entered into a deferred payment plan to pay off the debt.

(d) **International Boycott.** Grantee certifies that neither it nor any substantially owned affiliated company is participating or will participate in an international boycott in violation of the provision of the Anti-Boycott Act of 2018, Part II of the Export Control Reform Act of 2018 (50 USC 4841 through 4843), and the anti-boycott provisions set forth in Part 760 of the federal Export Administration Regulations (15 CFR Parts 730 through 774).

(e) **Discriminatory Club Dues or Fees.** Grantee certifies that it is not prohibited from receiving an Award because it pays dues or fees on behalf of its employees or agents, or subsidizes or otherwise reimburses employees or agents for payment of their dues or fees to any club which unlawfully discriminates (775 ILCS 25/2).

(f) **Pro-Children Act.** Grantee certifies that it is in compliance with the Pro-Children Act of 2001 in that it prohibits smoking in any portion of its facility used for the provision of health, day care, early childhood development services, education or library services to children under the age of eighteen (18) (except such portions of the facilities which are used for inpatient substance abuse treatment) (20 USC 7181-7184).

(g) **Drug-Free Workplace.** If Grantee is not an individual, Grantee certifies it will provide a drug free workplace pursuant to the Drug Free Workplace Act. 30 ILCS 580/3. If Grantee is an individual and this Agreement is valued at more than $5,000, Grantee certifies it will not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the performance of the Agreement. 30 ILCS 580/4. Grantee further certifies that if it is a recipient of federal pass-through funds, it is in compliance with the government-wide requirements for a drug-free workplace as set forth in 41 USC 8103.

(h) **Motor Voter Law.** Grantee certifies that it is in full compliance with the terms and provisions of the National Voter Registration Act of 1993 (52 USC 20501 et seq.).

(i) **Clean Air Act and Clean Water Act.** Grantee certifies that it is in compliance with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 USC 7401 et seq.) and the Federal Water Pollution Control Act, as amended (33 USC 1251 et seq.).

(j) **Debarment.** Grantee certifies that it is not debarred, suspended, proposed for debarment or permanent inclusion on the Illinois Stop Payment List, declared ineligible, or voluntarily excluded from participation in this Agreement by any federal department or agency (2 CFR 200.205(a)), or by the State (30 ILCS 708/25(6)(G)).

(k) **Non-procurement Debarment and Suspension.** Grantee certifies that it is in compliance with Subpart C of 2 CFR Part 180 as supplemented by 2 CFR Part 376, Subpart C.

(l) **Health Insurance Portability and Accountability Act.** Grantee certifies that it is in compliance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA) (Public Law No. 104-191, 45 CFR Parts 160, 162 and 164, and the Social Security Act, 42 USC 1320d-2 through 1320d-7), in that it may not use or disclose protected health information other than as permitted or required by law and agrees to use appropriate safeguards to prevent use or disclosure of the protected health information. Grantee must maintain, for a minimum of six (6) years, all protected health information.

(m) **Criminal Convictions.** Grantee certifies that:

(i) Neither it nor a managerial agent of Grantee (for non-governmental grantees only, this includes any officer, director or partner of Grantee) has been convicted of a felony under the Sarbanes-Oxley Act of 2002, nor a Class 3 or Class 2 felony under Illinois Securities Law of 1953, or that at least five (5) years have passed since the date of the conviction; and

(ii) It must disclose to Grantor all violations of criminal law involving fraud, bribery or gratuity violations potentially affecting this Award. Failure to disclose may result in remedial actions as stated in the Grant Accountability and Transparency Act. 30 ILCS 708/40. Additionally, if Grantee receives over $10 million in total federal Financial Assistance, during the period of this Award, Grantee must maintain the currency of information reported to SAM regarding civil, criminal or administrative proceedings as required by 2 CFR 200.113 and Appendix XII of 2 CFR Part 200, and 30 ILCS 708/40.

(n) **Federal Funding Accountability and Transparency Act of 2006 (FFATA).** Grantee certifies that it is in compliance with the terms and requirements of 31 USC 6101 with respect to Federal Awards greater than or equal to $30,000. A FFATA subaward report must be filed by the end of the month following the month in which the award was made.

(o) **Illinois Works Review Panel.** For Awards made for public works projects, as defined in the Illinois Works Jobs Program Act, Grantee certifies that it and any contractor(s) or subcontractor(s) that performs work using funds from this Award, must, upon reasonable notice, appear before and respond to requests for information from the Illinois Works Review Panel. 30 ILCS 559/20-25(d).

(p) **Anti-Discrimination.** Grantee certifies that its employees and subcontractors under subcontract made pursuant to this Agreement, must comply with all applicable provisions of State and federal laws and regulations pertaining to nondiscrimination, sexual harassment and equal employment opportunity including, but not limited to: Illinois Human Rights Act (775 ILCS 5/1-101 et seq.), including, without limitation, 44 Ill. Admin. Code 750- Appendix A, which is incorporated herein; Public Works Employment Discrimination Act (775 ILCS 10/1 et seq.); Civil Rights Act of 1964 (as amended) (42 USC 2000a - 2000h-6); Section 504 of the Rehabilitation Act of 1973 (29 USC 794); Americans with Disabilities Act of 1990 (as amended) (42 USC 12101 et seq.); and the Age Discrimination Act of 1975 (42 USC 6101 et seq.).

(q) Internal Revenue Code and Illinois Income Tax Act. Grantee certifies that it complies with all provisions of the federal Internal Revenue Code (26 USC 1), the Illinois Income Tax Act (35 ILCS 5),

and all regulations and rules promulgated thereunder, including withholding provisions and timely deposits of employee taxes and unemployment insurance taxes.

ARTICLE IV
PAYMENT REQUIREMENTS

4.1. Availability of Appropriation; Sufficiency of Funds. This Agreement is contingent upon and subject to the availability of sufficient funds. Grantor may terminate or suspend this Agreement, in whole or in part, without penalty or further payment being required, if (i) sufficient funds for this Agreement have not been appropriated or otherwise made available to Grantor by the State or the federal funding source, (ii) the Governor or Grantor reserves funds, or (iii) the Governor or Grantor determines that funds will not or may not be available for payment. Grantor must provide notice, in writing, to Grantee of any such funding failure and its election to terminate or suspend this Agreement as soon as practicable. Any suspension or termination pursuant to this Paragraph will be effective upon the date of the written notice unless otherwise indicated.

4.2. Pre-Award Costs. Pre-award costs are not permitted unless specifically authorized by Grantor in **Exhibit A**, **PART TWO** or **PART THREE** of this Agreement. If they are authorized, pre-award costs must be charged to the initial Budget Period of the Award, unless otherwise specified by Grantor. 2 CFR 200.458.

4.3. Return of Grant Funds. Grantee must liquidate all Obligations incurred under the Award within forty-five (45) days of the end of the Period of Performance, or in the case of capital improvement Awards, within forty-five (45) days of the end of the time period the Grant Funds are available for expenditure or obligation, unless Grantor permits a longer period in **PART TWO** OR **PART THREE**. Grantee must return to Grantor within forty-five (45) days of the end of the applicable time period as set forth in this Paragraph all remaining Grant Funds that are not expended or legally obligated.

4.4. Cash Management Improvement Act of 1990. Unless notified otherwise in **PART TWO** or **PART THREE**, Grantee must manage federal funds received under this Agreement in accordance with the Cash Management Improvement Act of 1990 (31 USC 6501 et seq.) and any other applicable federal laws or regulations. 2 CFR 200.305; 44 Ill. Admin. Code 7000.120.

4.5. Payments to Third Parties. Grantor will have no liability to Grantee when Grantor acts in good faith to redirect all or a portion of any Grantee payment to a third party. Grantor will be deemed to have acted in good faith when it is in possession of information that indicates Grantee authorized Grantor to intercept or redirect payments to a third party or when so ordered by a court of competent jurisdiction.

4.6. Modifications to Estimated Amount. If the Agreement amount is established on an estimated basis, then it may be increased by mutual agreement at any time during the Term. Grantor may decrease the estimated amount of this Agreement at any time during the Term if (i) Grantor believes Grantee will not use the funds during the Term, (ii) Grantor believes Grantee has used Grant Funds in a manner that was not authorized by this Agreement, (iii) sufficient funds for this Agreement have not been appropriated or otherwise made available to Grantor by the State or the federal funding source, (iv) the Governor or Grantor reserves funds, or (v) the Governor or Grantor determines that funds will or may not be available for payment. Grantee will be notified, in writing, of any adjustment of the estimated amount of this Agreement. In the event of such reduction, services provided by Grantee under **Exhibit A** may be reduced accordingly. Grantor must pay Grantee for work satisfactorily performed prior to the date of the notice regarding adjustment. 2 CFR 200.308.

4.7. Interest.

(a) All interest earned on Grant Funds held by a Grantee or a subrecipient will be treated in accordance with 2 CFR 200.305(b)(12), unless otherwise provided in **PART TWO** or **PART THREE**. Grantee

and its subrecipients must remit annually any amount due in accordance with 2 CFR 200.305(b)(12) or to Grantor, as applicable.

(b) Grant Funds must be placed in an insured account, whenever possible, that bears interest, unless exempted under 2 CFR 200.305(b)(10), (b)(11).

4.8. Timely Billing Required. Grantee must submit any payment request to Grantor within fifteen (15) days of the end of the quarter, unless another billing schedule is specified in ARTICLE II, **PART TWO**, or **PART THREE**. Failure to submit such payment request timely will render the amounts billed Unallowable Costs which Grantor cannot reimburse. In the event that Grantee is unable, for good cause, to submit its payment request timely, Grantee shall timely notify Grantor and may request an extension of time to submit the payment request. Grantor's approval of Grantee's request for an extension shall not be unreasonably withheld.

4.9. Certification. Pursuant to 2 CFR 200.415, each invoice and report submitted by Grantee (or subrecipient) must contain the following certification by an official authorized to legally bind Grantee (or subrecipient):

> By signing this report [or payment request or both], I certify to the best of my knowledge and belief that the report [or payment request] is true, complete, and accurate; that the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the State or federal pass-through award; and that supporting documentation has been submitted as required by the grant agreement. I acknowledge that approval for any other expenditure described herein is considered conditional subject to further review and verification in accordance with the monitoring and records retention provisions of the grant agreement. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise (U.S. Code Title 18, Sections 2, 1001, 1343 and Title 31, Sections 3729-3730 and 3801-3812; 30 ILCS 708/120).

ARTICLE V
SCOPE OF AWARD ACTIVITIES/PURPOSE OF AWARD

5.1. Scope of Award Activities/Purpose of Award. Grantee must perform as described in this Agreement, including as described in **Exhibit A** (Project Description), **Exhibit B** (Deliverables or Milestones), and **Exhibit D** (Performance Measures and Standards), as applicable. Grantee must further comply with all terms and conditions set forth in the Notice of State Award (44 Ill. Admin. Code 7000.360) which is incorporated herein by reference. All Grantor-specific provisions and programmatic reporting required under this Agreement are described in **PART TWO** (Grantor-Specific Terms). All Project-specific provisions and reporting required under this Agreement are described in **PART THREE** (Project-Specific Terms).

5.2. Scope Revisions. Grantee must obtain Prior Approval from Grantor whenever a scope revision is necessary for one or more of the reasons enumerated in 44 Ill. Admin. Code 7000.370(b)(2). All requests for scope revisions that require Grantor approval must be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval. 2 CFR 200.308.

5.3. Specific Conditions. If applicable, specific conditions required after a risk assessment are included in **Exhibit E**. Grantee must adhere to the specific conditions listed therein. 44 Ill. Admin. Code 7000.340(e).

ARTICLE VI

BUDGET

6.1. Budget. The Budget submitted by Grantee at application, or a revised Budget subsequently submitted and approved by Grantor, is considered final and is incorporated herein by reference.

6.2. Budget Revisions. Grantee must obtain Prior Approval, whether mandated or discretionary, from Grantor whenever a Budget revision is necessary for one or more of the reasons enumerated in 44 Ill. Admin. Code 7000.370(b). All requests for Budget revisions that require Grantor approval must be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval.

6.3. Notification. Within thirty (30) calendar days from the date of receipt of the request for Budget revisions, Grantor will review the request and notify Grantee whether the Budget revision has been approved, denied, or the date upon which a decision will be reached. 44 Ill. Admin. Code 7000.370(b)(7).

ARTICLE VII
ALLOWABLE COSTS

7.1. Allowability of Costs; Cost Allocation Methods. The allowability of costs and cost allocation methods for work performed under this Agreement will be determined in accordance with 2 CFR Part 200 Subpart E and Appendices III, IV, V, and VII.

7.2. Indirect Cost Rate Submission.

(a) All grantees, except for Local Education Agencies (as defined in 34 CFR 77.1), must make an Indirect Cost Rate election in the Grantee Portal, even grantees that do not charge or expect to charge Indirect Costs. 44 Ill. Admin. Code 7000.420(e).

(i) Waived and de minimis Indirect Cost Rate elections will remain in effect until Grantee elects a different option.

(b) Grantee must submit an Indirect Cost Rate Proposal in accordance with federal and State regulations, in a format prescribed by Grantor. For grantees who have never negotiated an Indirect Cost Rate before, the Indirect Cost Rate Proposal must be submitted for approval no later than three months after the effective date of the Award. For grantees who have previously negotiated an Indirect Cost Rate, the Indirect Cost Rate Proposal must be submitted for approval within 180 days of Grantee's fiscal year end, as dictated in the applicable appendices, such as:

(i) Appendix VII to 2 CFR Part 200 governs Indirect Cost Rate Proposals for state and Local Governments and Indian Tribes,

(ii) Appendix III to 2 CFR Part 200 governs Indirect Cost Rate Proposals for public and private institutions of higher education,

(iii) Appendix IV to 2 CFR Part 200 governs Indirect (F&A) Costs Identification and Assignment, and Rate Determination for Nonprofit Organizations, and

(iv) Appendix V to 2 CFR Part 200 governs state/Local Government-wide Central Service Cost Allocation Plans.

(c) A grantee who has a current, applicable rate negotiated by a cognizant federal agency must provide to Grantor a copy of its Indirect Cost Rate acceptance letter from the federal government and a copy of all documentation regarding the allocation methodology for costs used to negotiate that rate, e.g., without limitation, the cost policy statement or disclosure narrative statement. Grantor will accept that Indirect Cost Rate, up to any statutory, rule-based or programmatic limit.

(d) A grantee who does not have a current negotiated rate, may elect to charge a *de minimis* rate up to 15 percent of modified total direct costs, which may be used indefinitely. No documentation is required to justify the *de minimis* Indirect Cost Rate. 2 CFR 200.414(f).

7.3. Transfer of Costs. Cost transfers between Grants, whether as a means to compensate for cost overruns or for other reasons, are unallowable. 2 CFR 200.451.

7.4. Commercial Organization Cost Principles. The federal cost principles and procedures for cost analysis and the determination, negotiation and allowance of costs that apply to commercial organizations are set forth in 48 CFR Part 31.

7.5. Financial Management Standards. The financial management systems of Grantee must meet the following standards:

(a) **Accounting System.** Grantee organizations must have an accounting system that provides accurate, current, and complete disclosure of all financial transactions related to each state- and federally-funded Program. Accounting records must contain information pertaining to State and federal pass-through awards, authorizations, Obligations, unobligated balances, assets, outlays, and income. These records must be maintained on a current basis and balanced at least quarterly. Cash contributions to the Program from third parties must be accounted for in the general ledger with other Grant Funds. Third party in-kind (non-cash) contributions are not required to be recorded in the general ledger, but must be under accounting control, possibly through the use of a memorandum ledger. To comply with 2 CFR 200.305(b)(9) and 30 ILCS 708/97, Grantee must use reasonable efforts to ensure that funding streams are delineated within Grantee's accounting system. 2 CFR 200.302.

(b) **Source Documentation.** Accounting records must be supported by such source documentation as canceled checks, bank statements, invoices, paid bills, donor letters, time and attendance records, activity reports, travel reports, contractual and consultant agreements, and subaward documentation. All supporting documentation must be clearly identified with the Award and general ledger accounts which are to be charged or credited.

(i) The documentation standards for salary charges to Grants are prescribed by 2 CFR 200.430, and in the cost principles applicable to the Grantee's organization.

(ii) If records do not meet the standards in 2 CFR 200.430, then Grantor may notify Grantee in **PART TWO**, **PART THREE** or **Exhibit E** of the requirement to submit personnel activity reports. 2 CFR 200.430(g)(8). Personnel activity reports must account on an after-the-fact basis for one hundred percent (100%) of the employee's actual time, separately indicating the time spent on the Award, other grants or projects, vacation or sick leave, and administrative time, if applicable. The reports must be signed by the employee, approved by the appropriate official, and coincide with a pay period. These time records must be used to record the distribution of salary costs to the appropriate accounts no less frequently than quarterly.

(iii) Formal agreements with independent contractors, such as consultants, must include a description of the services to be performed, the period of performance, the fee and method of payment, an itemization of travel and other costs which are chargeable to the agreement, and the signatures of both the contractor and an appropriate official of Grantee.

(iv) If third party in-kind (non-cash) contributions are used for Award purposes, the valuation of these contributions must be supported with adequate documentation.

(c) **Internal Control.** Grantee must maintain effective control and accountability for all cash, real and personal property, and other assets. Grantee must adequately safeguard all such property and must provide assurance that it is used solely for authorized purposes. Grantee must also have systems in place that provide reasonable assurance that the information is accurate, allowable, and compliant with the terms and conditions of this Agreement. 2 CFR 200.303.

(d) **Budget Control**. Grantee must maintain records of expenditures for each Award by the cost categories of the approved Budget (including Indirect Costs that are charged to the Award), and actual expenditures are to be compared with budgeted amounts at least quarterly.

(e) **Cash Management.** Requests for advance payment must be limited to Grantee's immediate cash needs. Grantee must have written procedures to minimize the time elapsing between the receipt and the disbursement of Grant Funds to avoid having excess funds on hand. 2 CFR 200.305.

7.6. Profits. It is not permitted for any person or entity to earn a Profit from an Award. See, e.g., 2 CFR 200.400(g); see also 30 ILCS 708/60(a)(7).

7.7. Management of Program Income. Grantee is encouraged to earn income to defray Program Costs where appropriate, subject to 2 CFR 200.307.

ARTICLE VIII
LOBBYING

8.1. Improper Influence. Grantee certifies that it will not use and has not used Grant Funds to influence or attempt to influence an officer or employee of any government agency or a member or employee of the State or federal legislature in connection with the awarding of any agreement, the making of any grant, the making of any loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment or modification of any agreement, grant, loan or cooperative agreement. Additionally, Grantee certifies that it has filed the required certification under the Byrd Anti-Lobbying Amendment (31 USC 1352), if applicable.

8.2. Federal Form LLL. If any federal funds, other than federally-appropriated funds, were paid or will be paid to any person for influencing or attempting to influence any of the above persons in connection with this Agreement, the undersigned must also complete and submit Federal Form LLL, Disclosure of Lobbying Activities Form, in accordance with its instructions.

8.3. Lobbying Costs. Grantee certifies that it is in compliance with the restrictions on lobbying set forth in 2 CFR 200.450. For any Indirect Costs associated with this Agreement, total lobbying costs must be separately identified in the Program Budget, and thereafter treated as other Unallowable Costs.

8.4. Procurement Lobbying. Grantee warrants and certifies that it and, to the best of its knowledge, its subrecipients have complied and will comply with Illinois Executive Order No. 1 (2007) (EO 1-2007). EO 1-2007 generally prohibits grantees and subcontractors from hiring the then-serving Governor's family members to lobby procurement activities of the State, or any other unit of government in Illinois including local governments, if that procurement may result in a contract valued at over $25,000. This prohibition also applies to hiring for that same purpose any former State employee who had procurement authority at any time during the one-year period preceding the procurement lobbying activity.

8.5. Subawards. Grantee must include the language of this ARTICLE in the award documents for any subawards made pursuant to this Award at all tiers. All subrecipients are also subject to certification and disclosure. Pursuant to Appendix II(I) to 2 CFR Part 200, Grantee must forward all disclosures by contractors regarding this certification to Grantor.

8.6. Certification. This certification is a material representation of fact upon which reliance was placed to enter into this transaction and is a prerequisite for this transaction, pursuant to 31 USC 1352. Any person who fails to file the required certifications will be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

ARTICLE IX
MAINTENANCE AND ACCESSIBILITY OF RECORDS; MONITORING

9.1. Records Retention. Grantee must maintain for three (3) years from the date of submission of the final expenditure report, adequate books, all financial records and, supporting documents, statistical records, and all other records pertinent to this Award, adequate to comply with 2 CFR 200.334, unless a different retention period is specified in 2 CFR 200.334, 44 Ill. Admin. Code 7000.430(a) and (b) or **PART TWO** or **PART THREE**. If any litigation, claim or audit is started before the expiration of the retention period, the records must be retained until all litigation, claims or audit exceptions involving the records have been resolved and final action taken.

9.2. Accessibility of Records. Grantee, in compliance with 2 CFR 200.337 and 44 Ill. Admin. Code 7000.430(f), must make books, records, related papers, supporting documentation and personnel relevant to this Agreement available to authorized Grantor representatives, the Illinois Auditor General, Illinois Attorney General, any Executive Inspector General, Grantor's Inspector General, federal authorities, any person identified in 2 CFR 200.337, and any other person as may be authorized by Grantor (including auditors), by the State of Illinois or by federal statute. Grantee must cooperate fully in any such audit or inquiry.

9.3. Failure to Maintain Books and Records. Failure to maintain adequate books, records and supporting documentation, as described in this ARTICLE, will result in the disallowance of costs for which there is insufficient supporting documentation and also establishes a presumption in favor of the State for the recovery of any Grant Funds paid by the State under this Agreement for which adequate books, records and supporting documentation are not available to support disbursement.

9.4. Monitoring and Access to Information. Grantee must monitor its activities to assure compliance with applicable state and federal requirements and to assure its performance expectations are being achieved. Grantor will monitor the activities of Grantee to assure compliance with all requirements, including applicable programmatic rules, regulations, and guidelines that the Grantor promulgates or implements, and performance expectations of the Award. Grantee must timely submit all financial and performance reports, and must supply, upon Grantor's request, documents and information relevant to the Award. Grantor may make site visits as warranted by Program needs. 2 CFR 200.329; 200.332. Additional monitoring requirements may be in **PART TWO** or **PART THREE**.

ARTICLE X
FINANCIAL REPORTING REQUIREMENTS

10.1. Required Periodic Financial Reports. Grantee must submit financial reports as requested and in the format required by Grantor no later than the dues date(s) specified in **PART TWO** or **PART THREE**. Grantee must submit reports to Grantor describing the expenditure(s) of the funds related thereto at the intervals specified by Grantor, which must be no less frequent than annually and no more frequent than quarterly, unless otherwise specified in either PART TWO or PART THREE (approved as an exception by GATU) or on Exhibit E pursuant to specific conditions. 2 CFR 200.328(b). Any report required by 30 ILCS 708/125 may be detailed in **PART TWO** or **PART THREE**.

10.2. Financial Close-out Report.

(a) Grantee must submit a financial Close-out Report, in the format required by Grantor, by the due date specified in **PART TWO** or **PART THREE**, which must be no later than sixty (60) calendar days following the end of the Period of Performance for this Agreement or Agreement termination. The format of this financial Close-out Report must follow a format prescribed by Grantor. 2 CFR 200.344; 44 Ill. Admin. Code 7000.440(b).

(b) If an audit or review of Grantee occurs and results in adjustments after Grantee submits a Close-out Report, Grantee must submit a new financial Close-out Report based on audit adjustments, and immediately submit a refund to Grantor, if applicable. 2 CFR 200.345; 44 Ill. Admin. Code 7000.450.

10.3. Effect of Failure to Comply. Failure to comply with the reporting requirements in this Agreement may cause a delay or suspension of funding or require the return of improper payments or Unallowable Costs, and will be considered a material breach of this Agreement. Grantee's failure to comply with ARTICLE X, ARTICLE XI, or ARTICLE XVII will be considered prima facie evidence of a breach and may be admitted as such, without further proof, into evidence in an administrative proceeding before Grantor, or in any other legal proceeding. Grantee should refer to the State Grantee Compliance Enforcement System for policy and consequences for failure to comply. 44 Ill. Admin. Code 7000.80.

ARTICLE XI
PERFORMANCE REPORTING REQUIREMENTS

11.1. Required Periodic Performance Reports. Grantee must submit performance reports as requested and in the format required by Grantor no later than the due date(s) specified in **PART TWO** or **PART THREE**. 44 Ill. Admin. Code 7000.410. Grantee must report to Grantor on the performance measures listed in **Exhibit D**, **PART TWO** or **PART THREE** at the intervals specified by Grantor, which must be no less frequent than annually and no more frequent than quarterly, unless otherwise specified in either **PART TWO** or **PART THREE** (approved as an exception by GATU), or on **Exhibit E** pursuant to specific conditions. For certain construction-related Awards, such reports may be exempted as identified in **PART TWO** or **PART THREE**. 2 CFR 200.329.

11.2. Performance Close-out Report. Grantee must submit a performance Close-out Report, in the format required by Grantor by the due date specified in **PART TWO** or **PART THREE**, which must be no later than 60 calendar days following the end of the Period of Performance or Agreement termination. 2 CFR 200.344; 44 Ill. Admin. Code 7000.440(b).

11.3. Content of Performance Reports. Pursuant to 2 CFR 200.329(b) and (c), all performance reports must relate the financial data and project or program accomplishments to the performance goals and objectives of this Award and also include the following: a comparison of actual accomplishments to the objectives of the Award established for the reporting period (for example, comparing costs to units of accomplishment); computation of the cost and demonstration of cost effective practices (e.g., through unit cost data); performance trend data and analysis if required; the reasons why established goals were not met, if appropriate; and additional information, analysis, and explanation of any cost overruns or higher-than-expected unit costs. Additional content and format guidelines for the performance reports will be determined by Grantor contingent on the Award's statutory, regulatory and administrative requirements, and are included in **PART TWO** or **PART THREE** of this Agreement.

ARTICLE XII
AUDIT REQUIREMENTS

12.1. Audits. Grantee is subject to the audit requirements contained in the Single Audit Act Amendments of 1996 (31 USC 7501-7507), Subpart F of 2 CFR Part 200, and the audit rules and policies set forth by the Governor's Office of Management and Budget. 30 ILCS 708/65(c); 44 Ill. Admin. Code 7000.90.

12.2. Consolidated Year-End Financial Reports (CYEFR). All grantees must complete and submit a CYEFR through the Grantee Portal, except those exempted by federal or State statute or regulation, as set forth in **PART TWO** or **PART THREE**. The CYEFR is a required schedule in Grantee's audit report if Grantee is required to complete and submit an audit report as set forth herein.

(a) Grantee's CYEFR must cover the same period as the audited financial statements, if required, and must be submitted in accordance with the audit schedule at 44 Ill. Admin. Code 7000.90. If Grantee is not required to complete audited financial statements, the CYEFR must cover Grantee's fiscal year and must be submitted within 6 months of the Grantee's fiscal year-end.

(b) The CYEFR must include an in relation to opinion from the auditor of the financial statements included in the audit.

(c) The CYEFR must follow a format prescribed by Grantor.

12.3. Entities That Are Not "For-Profit".

(a) This Paragraph applies to Grantees that are not "for-profit" entities.

(b) Single and Program-Specific Audits. If, during its fiscal year, Grantee expends at least $1,000,000 in federal Awards (direct federal and federal pass-through awards combined), Grantee must have a single audit or program-specific audit conducted for that year as required by 2 CFR 200.501 and other applicable sections of Subpart F of 2 CFR Part 200. The audit report packet must be completed as described in 2 CFR 200.512 (single audit) or 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90(h)(1) and the current GATA audit manual and submitted to the Federal Audit Clearinghouse, as required by 2 CFR 200.512. The results of peer and external quality control reviews, management letters issued by the auditors and their respective corrective action plans if significant deficiencies or material weaknesses are identified, and the CYEFR(s) must be submitted to the Grantee Portal at the same time the audit report packet is submitted to the Federal Audit Clearinghouse. The due date of all required submissions set forth in this Paragraph is the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than $1,000,000 in federal Awards, Grantee is subject to the following audit requirements:

(i) If, during its fiscal year, Grantee expends at least $750,000 in State-issued Awards, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Government Auditing Standards (GAGAS). Grantee may be subject to additional requirements in **PART TWO**, **PART THREE** or **Exhibit E** based on Grantee's risk profile.

(ii) If, during its fiscal year, Grantee expends less than $750,000 in State-issued Awards, but expends at least $500,000 in State-issued Awards, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Auditing Standards (GAAS).

(iii) If Grantee is a Local Education Agency (as defined in 34 CFR 77.1), Grantee must have a financial statement audit conducted in accordance with GAGAS, as required by 23 Ill. Admin. Code 100.110, regardless of the dollar amount of expenditures of State-issued Awards.

(iv) If Grantee does not meet the requirements in subsections 12.3(b) and 12.3(c)(i-iii) but is required to have a financial statement audit conducted based on other regulatory requirements, Grantee must submit those audits for review.

(v) Grantee must submit its financial statement audit report packet, as set forth in 44 Ill. Admin. Code 7000.90(h)(2) and the current GATA audit manual, to the Grantee Portal within the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) six (6) months after the end of Grantee's audit period.

12.4. "For-Profit" Entities.

(a) This Paragraph applies to Grantees that are "for-profit" entities.

(b) Program-Specific Audit. If, during its fiscal year, Grantee expends at least $1,000,000 in federal pass-through funds from State-issued Awards, Grantee must have a program-specific audit conducted in accordance with 2 CFR 200.507. The auditor must audit federal pass-through programs with federal pass-through Awards expended that, in the aggregate, cover at least 50 percent (0.50) of total federal pass-through Awards expended. The audit report packet must be completed as described in 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90 and the current GATA audit manual, and must be submitted to the Grantee Portal. The due date of all required submissions set forth in this Paragraph is the earlier of (i) thirty (30) calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than $1,000,000 in federal pass-through funds from State-issued Awards, Grantee must follow all of the audit requirements in Paragraphs 12.3(c)(i)-(v), above.

(d) Publicly-Traded Entities. If Grantee is a publicly-traded company, Grantee is not subject to the single audit or program-specific audit requirements, but must submit its annual audit conducted in accordance with its regulatory requirements.

12.5. Performance of Audits. For those organizations required to submit an independent audit report, the audit must be conducted by the Illinois Auditor General (as required for certain governmental entities only), or a Certified Public Accountant or Certified Public Accounting Firm licensed in the State of Illinois or in accordance with Section 5.2 of the Illinois Public Accounting Act (225 ILCS 450/5.2). For all audits required to be performed subject to GAGAS or Generally Accepted Auditing Standards, Grantee must request and maintain on file a copy of the auditor's most recent peer review report and acceptance letter. Grantee must follow procedures prescribed by Grantor for the preparation and submission of audit reports and any related documents.

12.6. Delinquent Reports. When audit reports or financial statements required under this ARTICLE are prepared by the Illinois Auditor General, if they are not available by the above-specified due date, they must be provided to Grantor within thirty (30) days of becoming available. Grantee should refer to the State Grantee Compliance Enforcement System for the policy and consequences for late reporting. 44 Ill. Admin. Code 7000.80.

ARTICLE XIII
TERMINATION; SUSPENSION; NON-COMPLIANCE

13.1. Termination.

(a) Either Party may terminate this Agreement, in whole or in part, upon thirty (30) calendar days' prior written notice to the other Party.

(b) If terminated by the Grantee, Grantee must include the reasons for such termination, the effective date, and, in the case of a partial termination, the portion to be terminated. If Grantor determines in the case of a partial termination that the reduced or modified portion of the Award will not accomplish the purposes for which the Award was made, Grantor may terminate the Agreement in its entirety. 2 CFR 200.340(a)(3).

(c) This Agreement may be terminated, in whole or in part, by Grantor:

(i) Pursuant to a funding failure under Paragraph 4.1;

(ii) If Grantee fails to comply with the terms and conditions of this or any Award, application or proposal, including any applicable rules or regulations, or has made a false representation in connection with the receipt of this or any Award; or

(iii) If the Award no longer effectuates the Program goals or agency priorities and if this termination is permitted in the terms and conditions of the Award, which must be detailed in **Exhibit A, PART TWO** or PART THREE.

13.2. Suspension. Grantor may suspend this Agreement, in whole or in part, pursuant to a funding failure under Paragraph 4.1 or if the Grantee fails to comply with terms and conditions of this or any Award. If suspension is due to Grantee's failure to comply, Grantor may withhold further payment and prohibit Grantee from incurring additional Obligations pending corrective action by Grantee or a decision to terminate this Agreement by Grantor. Grantor may allow necessary and proper costs that Grantee could not reasonably avoid during the period of suspension.

13.3. Non-compliance. If Grantee fails to comply with the U.S. Constitution, applicable statutes, regulations or the terms and conditions of this or any Award, Grantor may impose additional conditions on Grantee, as described in 2 CFR 200.208. If Grantor determines that non-compliance cannot be remedied by imposing additional conditions, Grantor may take one or more of the actions described in 2 CFR 200.339. The Parties must follow all Grantor policies and procedures regarding non-compliance, including, but not limited to, the procedures set forth in the State Grantee Compliance Enforcement System. 44 Ill. Admin. Code 7000.80 and 7000.260.

13.4. Objection. If Grantor suspends or terminates this Agreement, in whole or in part, for cause, or takes any other action in response to Grantee's non-compliance, Grantee may avail itself of any opportunities to object and challenge such suspension, termination or other action by Grantor in accordance with any applicable processes and procedures, including, but not limited to, the procedures set forth in the State Grantee Compliance Enforcement System. 2 CFR 200.342; 44 Ill. Admin. Code 7000.80 and 7000.260.

13.5. Effects of Suspension and Termination.

(a) Grantor may credit Grantee for allowable expenditures incurred in the performance of authorized services under this Agreement prior to the effective date of a suspension or termination.

(b) Except as set forth in subparagraph (c), below, Grantee must not incur any costs or Obligations that require the use of Grant Funds after the effective date of a suspension or termination, and must cancel as many outstanding Obligations as possible.

(c) Costs to Grantee resulting from Obligations incurred by Grantee during a suspension or after termination of the Agreement are not allowable unless Grantor expressly authorizes them in the notice of suspension or termination or subsequently. However, Grantor may allow costs during a suspension or after termination if:

(i) The costs result from Obligations properly incurred before the effective date of suspension or termination, are not in anticipation of the suspension or termination, and the costs would be allowable if the Agreement was not suspended or terminated prematurely. 2 CFR 200.343.

13.6. Close-out of Terminated Agreements. If this Agreement is terminated, in whole or in part, the Parties must comply with all close-out and post-termination requirements of this Agreement. 2 CFR 200.340(d).

ARTICLE XIV
SUBCONTRACTS/SUBAWARDS

14.1. Subcontracting/Subrecipients/Delegation. Grantee must not subcontract nor issue a subaward for any portion of this Agreement nor delegate any duties hereunder without Prior Approval of Grantor. The requirement for Prior Approval is satisfied if the subcontractor or subrecipient has been identified in the uniform grant application, such as, without limitation, a Project description, and Grantor has approved. Grantee must follow all applicable requirements set forth in 2 CFR 200.332.

14.2. Application of Terms. If Grantee enters into a subaward agreement with a subrecipient, Grantee must notify the subrecipient of the applicable laws and regulations and terms and conditions of this Award by attaching this Agreement to the subaward agreement. The terms of this Agreement apply to all subawards authorized in accordance with Paragraph 14.1. 2 CFR 200.101(b).

14.3. Liability as Guaranty. Grantee will be liable as guarantor for any Grant Funds it obligates to a subrecipient or subcontractor pursuant to this ARTICLE in the event Grantor determines the funds were either misspent or are being improperly held and the subrecipient or subcontractor is insolvent or otherwise fails to return the funds. 2 CFR 200.345; 30 ILCS 705/6; 44 Ill. Admin. Code 7000.450(a).

ARTICLE XV
NOTICE OF CHANGE

15.1. Notice of Change. Grantee must notify Grantor if there is a change in Grantee's legal status, FEIN, UEI, SAM registration status, Related Parties, senior management (for non-governmental grantees only) or address. If the change is anticipated, Grantee must give thirty (30) days' prior written notice to Grantor. If the change is unanticipated, Grantee must give notice as soon as practicable thereafter. Grantor reserves the right to take any and all appropriate action as a result of such change(s).

15.2. Failure to Provide Notification. To the extent permitted by Illinois law (see Paragraph 21.2), Grantee must hold harmless Grantor for any acts or omissions of Grantor resulting from Grantee's failure to notify Grantor as required by Paragraph 15.1.

15.3. Notice of Impact. Grantee must notify Grantor in writing of any event, including, by not limited to, becoming a party to litigation, an investigation, or transaction that may have a material impact on Grantee's ability to perform under this Agreement. Grantee must provide notice to Grantor as soon as possible, but no later than five (5) days after Grantee becomes aware that the event may have a material impact.

15.4. Effect of Failure to Provide Notice. Failure to provide the notice described in this ARTICLE is grounds for termination of this Agreement and any costs incurred after the date notice should have been given may be disallowed.

ARTICLE XVI
STRUCTURAL REORGANIZATION AND RECONSTITUTION OF BOARD MEMBERSHIP

16.1. Effect of Reorganization. This Agreement is made by and between Grantor and Grantee, as Grantee is currently organized and constituted. Grantor does not agree to continue this Agreement, or any license related thereto, should Grantee significantly reorganize or otherwise substantially change the character of its corporate structure, business structure or governance structure. Grantee must give Grantor prior notice of any such action or changes significantly affecting its overall structure or, for non-governmental grantees only, management makeup (for example, a merger or a corporate restructuring), and must provide all reasonable documentation necessary for Grantor to review the proposed transaction including financial records and corporate and shareholder minutes of any corporation which may be involved. Grantor reserves the right to terminate the Agreement based on whether the newly organized entity is able to carry out the requirements of the Award. This ARTICLE does not require Grantee to report on minor changes in the makeup of its board membership or

governance structure, as applicable. Nevertheless, **PART TWO** or **PART THREE** may impose further restrictions. Failure to comply with this ARTICLE constitutes a material breach of this Agreement.

ARTICLE XVII
CONFLICT OF INTEREST

17.1. Required Disclosures. Grantee must immediately disclose in writing any potential or actual Conflict of Interest to Grantor. 2 CFR 200.112; 30 ILCS 708/35.

17.2. Prohibited Payments. Payments made by Grantor under this Agreement must not be used by Grantee to compensate, directly or indirectly, any person currently holding an elective office in this State including, but not limited to, a seat in the General Assembly. In addition, where Grantee is not an instrumentality of the State of Illinois, as described in this Paragraph, Grantee must request permission from Grantor to compensate, directly or indirectly, any officer or any person employed by an office or agency of the State of Illinois. An instrumentality of the State of Illinois includes, without limitation, State departments, agencies, boards, and State universities. An instrumentality of the State of Illinois does not include, without limitation, units of Local Government and related entities.

17.3. Request for Exemption. Grantee may request written approval from Grantor for an exemption from Paragraph 17.2. Grantee acknowledges that Grantor is under no obligation to provide such exemption and that Grantor may grant any such exemption subject to additional terms and conditions as Grantor may require.

ARTICLE XVIII
EQUIPMENT OR PROPERTY

18.1. Purchase of Equipment. For any equipment purchased in whole or in part with Grant Funds, if Grantor determines that Grantee has not met the conditions of 2 CFR 200.439, the costs for such equipment will be disallowed. Grantor must notify Grantee in writing that the purchase of equipment is disallowed.

18.2. Prohibition against Disposition/Encumbrance. Any equipment, material, or real property that Grantee purchases or improves with Grant Funds must not be sold, transferred, encumbered (other than original financing) or otherwise disposed of during the Award Term without Prior Approval of Grantor unless a longer period is required in **PART TWO** or **PART THREE** and permitted by 2 CFR Part 200 Subpart D. Use or disposition of real property acquired or improved using Grant Funds must comply with the requirements of 2 CFR 200.311. Real property, equipment, and intangible property that are acquired or improved in whole or in part using Grant Funds are subject to the provisions of 2 CFR 200.316. Grantor may require the Grantee to record liens or other appropriate notices of record to indicate that personal or real property has been acquired or improved with this Award and that use and disposition conditions apply to the property.

18.3. Equipment and Procurement. Grantee must comply with the uniform standards set forth in 2 CFR 200.310–200.316 governing the management and disposition of property, the cost of which was supported by Grant Funds. Any waiver from such compliance must be granted by either the President's Office of Management and Budget, the Governor's Office of Management and Budget, or both, depending on the source of the Grant Funds used. Additionally, Grantee must comply with the standards set forth in 2 CFR 200.317-200.327 to establish procedures to use Grant Funds for the procurement of supplies and other expendable property, equipment, real property and other services.

18.4. Equipment Instructions. Grantee must obtain disposition instructions from Grantor when equipment, purchased in whole or in part with Grant Funds, is no longer needed for their original purpose. Notwithstanding anything to the contrary contained in this Agreement, Grantor may require transfer of any equipment to Grantor or a third party for any reason, including, without limitation, if Grantor terminates the

Award or Grantee no longer conducts Award activities. Grantee must properly maintain, track, use, store and insure the equipment according to applicable best practices, manufacturer's guidelines, federal and state laws or rules, and Grantor requirements stated herein.

18.5. Domestic Preferences for Procurements. In accordance with 2 CFR 200.322, to the greatest extent practicable and consistent with law, Grantee must, under this Award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this Paragraph must be included in all subawards and in all contracts and purchase orders under this Award.

ARTICLE XIX
PROMOTIONAL MATERIALS; PRIOR NOTIFICATION

19.1. Promotional and Written Materials. Use of Grant Funds for promotions is subject to the prohibitions for advertising or public relations costs in 2 CFR 200.421(e). To use Grant Funds in whole or in part to produce any written publications, announcements, reports, flyers, brochures or other written materials, these uses must be allowable under 2 CFR 200.421 and 200.467 and Grantee must include in these publications, announcements, reports, flyers, brochures and all other such material, the phrase "Funding provided in whole or in part by the [Grantor]." 2 CFR 200.467. Exceptions to this requirement must be requested, in writing, from Grantor and will be considered authorized only upon written notice thereof to Grantee.

19.2. Prior Notification/Release of Information. Grantee must notify Grantor ten (10) days prior to issuing public announcements or press releases concerning work performed pursuant to this Agreement, or funded in whole or in part by this Agreement, and must cooperate with Grantor in joint or coordinated releases of information.

ARTICLE XX
INSURANCE

20.1. Maintenance of Insurance. Grantee must maintain in full force and effect during the Term of this Agreement casualty and bodily injury insurance, as well as insurance sufficient to cover the replacement cost of any and all real or personal property (including equipment), or both, purchased or, otherwise acquired, or improved in whole or in part, with funds disbursed pursuant to this Agreement. 2 CFR 200.310. Additional insurance requirements may be detailed in **PART TWO** or PART THREE.

20.2. Claims. If a claim is submitted for real or personal property, or both, purchased in whole with funds from this Agreement and such claim results in the recovery of money, such money recovered must be surrendered to Grantor.

ARTICLE XXI
LAWSUITS AND INDEMNIFICATION

21.1. Independent Contractor. Neither Grantee nor any employee or agent of Grantee acquires any employment rights with Grantor by virtue of this Agreement. Grantee must provide the agreed services and achieve the specified results free from the direction or control of Grantor as to the means and methods of performance. Grantee must provide its own equipment and supplies necessary to conduct its business; provided, however, that in the event, for its convenience or otherwise, Grantor makes any such equipment or supplies available to Grantee, Grantee's use of such equipment or supplies provided by Grantor pursuant to this Agreement is strictly limited to official Grantor or State of Illinois business and not for any other purpose, including any personal benefit or gain.

21.2. Indemnification and Liability.

(a) Non-governmental entities. This subparagraph applies only if Grantee is a non-governmental entity. Grantee must hold harmless Grantor against any and all liability, loss, damage, cost or expenses, including attorneys' fees, arising from the intentional torts, negligence or breach of contract of Grantee, with the exception of acts performed in conformance with an explicit, written directive of Grantor. Indemnification by Grantor is governed by the State Employee Indemnification Act (5 ILCS 350/.01 et seq.) as interpreted by the Illinois Attorney General. Grantor makes no representation that Grantee, an independent contractor, will qualify or be eligible for indemnification under said Act.

(b) Governmental entities. This subparagraph applies only if Grantee is a governmental unit as designated in Paragraph 3.2. Neither Party shall be liable for actions chargeable to the other Party under this Agreement including, but not limited to, the negligent acts and omissions of the other Party's agents, employees or subcontractors in the performance of their duties as described under this Agreement, unless such liability is imposed by law. This Agreement is not construed as seeking to enlarge or diminish any obligation or duty owed by one Party against the other or against a third party.

ARTICLE XXII
MISCELLANEOUS

22.1. Gift Ban. Grantee is prohibited from giving gifts to State employees pursuant to the State Officials and Employees Ethics Act (5 ILCS 430/10-10) and Illinois Executive Order 15-09.

22.2. Assignment Prohibited. This Agreement must not be sold, assigned, or transferred in any manner by Grantee, to include an assignment of Grantee's rights to receive payment hereunder, and any actual or attempted sale, assignment, or transfer by Grantee without the Prior Approval of Grantor in writing renders this Agreement null, void and of no further effect.

22.3. Copies of Agreements upon Request. Grantee must, upon request by Grantor, provide Grantor with copies of contracts or other agreements to which Grantee is a party with any other State agency.

22.4. Amendments. This Agreement may be modified or amended at any time during its Term by mutual consent of the Parties, expressed in writing and signed by the Parties.

22.5. Severability. If any provision of this Agreement is declared invalid, its other provisions will remain in effect.

22.6. No Waiver. The failure of either Party to assert any right or remedy pursuant to this Agreement will not be construed as a waiver of either Party's right to assert such right or remedy at a later time or constitute a course of business upon which either Party may rely for the purpose of denial of such a right or remedy.

22.7. Applicable Law; Claims. This Agreement and all subsequent amendments thereto, if any, are governed and construed in accordance with the laws of the State of Illinois. Any claim against Grantor arising out of this Agreement must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1 *et seq.* Grantor does not waive sovereign immunity by entering into this Agreement.

22.8. Compliance with Law. Grantee is responsible for ensuring that Grantee's Obligations and services hereunder are performed in compliance with all applicable federal and State laws, including, without limitation, federal regulations, State administrative rules, including but not limited to 44 Ill. Admin. Code Part 7000, laws and rules which govern disclosure of confidential records or other information obtained by Grantee concerning persons served under this Agreement, and any license requirements or professional certification provisions.

22.9. Compliance with Freedom of Information Act. Upon request, Grantee must make available to Grantor all documents in its possession that Grantor deems necessary to comply with requests made under the Freedom of Information Act. 5 ILCS 140/7(2).

22.10 Compliance with Whistleblower Protections. Grantee must comply with the Whistleblower Act (740 ILCS 174/1 *et seq.*) and the whistleblower protections set forth in 2 CFR 200.217, including but not limited to, the requirement that Grantee and its subrecipients inform their employees in writing of employee whistleblower rights and protections under 41 U.S.C. 4712.

22.11. Precedence.

(a) Except as set forth in subparagraph (b), below, the following rules of precedence are controlling for this Agreement: In the event there is a conflict between this Agreement and any of the exhibits or attachments hereto, this Agreement controls. In the event there is a conflict between **PART ONE** and **PART TWO** or **PART THREE** of this Agreement, **PART ONE** controls. In the event there is a conflict between **PART TWO** and **PART THREE** of this Agreement, **PART TWO** controls. In the event there is a conflict between this Agreement and relevant statute(s) or rule(s), the relevant statute(s) or rule(s) controls.

(b) Notwithstanding the provisions in subparagraph (a), above, if a relevant federal or state statute(s) or rule(s) requires an exception to this Agreement's provisions, or an exception to a requirement in this Agreement is granted by GATU, such exceptions must be noted in **PART TWO** or **PART THREE**, and in such cases, those requirements control.

22.12. Illinois Grant Funds Recovery Act. In the event of a conflict between the Illinois Grant Funds Recovery Act and the Grant Accountability and Transparency Act, the provisions of the Grant Accountability and Transparency Act control. 30 ILCS 708/80.

22.13. Headings. Articles and other headings contained in this Agreement are for reference purposes only and are not intended to define or limit the scope, extent or intent of this Agreement or any provision hereof.

22.14. Counterparts. This Agreement may be executed in one or more counterparts, each of which are considered to be one and the same agreement, binding on all Parties hereto, notwithstanding that all Parties are not signatories to the same counterpart. Duplicated signatures, signatures transmitted via facsimile, or signatures contained in a Portable Document Format (PDF) document are deemed original for all purposes.

22.15. Attorney Fees and Costs. Unless prohibited by law, if Grantor prevails in any proceeding to enforce the terms of this Agreement, including any administrative hearing pursuant to the Grant Funds Recovery Act or the Grant Accountability and Transparency Act, Grantor has the right to recover reasonable attorneys' fees, costs and expenses associated with such proceedings.

22.16. Continuing Responsibilities. The termination or expiration of this Agreement does not affect: (a) the right of Grantor to disallow costs and recover funds based on a later audit or other review; (b) the obligation of the Grantee to return any funds due as a result of later refunds, corrections or other transactions, including, without limitation, final Indirect Cost Rate adjustments and those funds obligated pursuant to ARTICLE XIV; (c) the CYEFR(s); (d) audit requirements established in 44 Ill. Admin. Code 7000.90 and ARTICLE XII ; (e) property management and disposition requirements established in 2 CFR 200.310 through 2 CFR 200.316 and ARTICLE XVIII; or (f) records related requirements pursuant to ARTICLE IX. 44 Ill. Admin. Code 7000.440.

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EXHIBIT A

PROJECT DESCRIPTION

Grantee must complete the Award Activities described on this **Exhibit A**, the Deliverables and Milestones listed on **Exhibit B** and the Performance Measures listed on **Exhibit D** within the term of this Agreement, as provided in Paragraph 2.1, herein.

AUTHORITY: The Grantor is authorized to make this Award pursuant to 20 ILCS 605/605-55 and/or 20 ILCS 605/605-30.

The purpose of this authority is as follows:

To make and enter into contracts, including grants, as authorized pursuant to appropriations by the General Assembly. and/or to use the State and federal programs, grants, and subsidies that are available to assist in the discharge of the provisions of the Civil Administrative Code of Illinois.

PROJECT DESCRIPTION:

The Grantee is a governmental entity which provides essential public services to the citizens of the Village of Northbrook in Cook County.

Grant funds will be utilized for a portion of the costs, including any that are prior incurred, associated with public safety and equipment expenses at the Grantee owned Village Hall located at 1225 Cedar Lane in the Village of Northbrook, Illinois. The project is necessary as the equipment will help support the emergency response of the Grantee by providing rapid response traffic barrier system, which the Grantee currently does not have, increase the number of message boards that can be used for traffic control and informational purposes, and provide a Fire Response Utility Task Vehicle, which will assist response in hard-to-reach areas. Funds from this Grant will be used to purchase a Utility Task Vehicle, multiple LED message boards, and a rapid-deployment barrier system for traffic control. All other costs associated with the completion of the project will be paid via the use of other funding sources.

Specifically, Grant funds will include a portion of the "Equipment" costs associated with the purchase of a rapid-deployment barrier system and trailer, LED message boards, and Utility Task Vehicle.

The completion of this project will benefit the public by providing the Grantee with much better capacity to more efficiently respond to emergencies and provide better traffic control and messaging.

EXHIBIT B

DELIVERABLES OR MILESTONES

To be stated on the initial submitted Periodic Performance Report (PPR), as directed by the Report Deliverable Schedule, the Grantee will provide a detailed task list of projected deliverables, which must be approved by Grantor. These tasks and associated due dates, and any subsequent revisions, shall be incorporated by reference into this Agreement. These tasks will be used to measure performance throughout the life of the Award and can be updated and reported on each PPR reporting due date.

EXHIBIT C

CONTACT INFORMATION

CONTACTS FOR NOTIFICATION AND GRANT ADMINISTRATION:

Unless specified elsewhere, all notices required or desired to be sent by either Party must be sent to the persons listed below. Grantee must notify Grantor of any changes in its contact information listed below within five (5) business days from the effective date of the change, and Grantor must notify Grantee of any changes to its contact information as soon as practicable. The Party making a change must send any changes in writing to the contact for the other Party. No amendment to this Agreement is required if information in this Exhibit is changed.

FOR OFFICIAL GRANT NOTIFICATIONS

GRANTOR CONTACT

Name: Kristin A. Richards

Title: Director

Address: 1011 S. 2nd St.
Springfield, IL 62704

GRANTEE CONTACT

Name: Kathryn L Ciesla

Title: Village President

Address: 1225 Cedar Lane
Northbrook, IL 60062-4513

GRANTEE PAYMENT ADDRESS
(If different than the address above)

Address: N/A

FOR GRANT ADMINISTRATION

GRANTOR CONTACT

Name: Alex Fuller
Title: Grant Manager
Address: 1011 S. 2nd St.
Springfield, IL 62704
Phone: 217-782-9988
TTY#: (800) 785-6055
Email Address: Alex.Fuller@Illinois.gov

GRANTEE CONTACT

Name: Kelly Hamill
Title: Director, Public Works
Address: 1225 Cedar Lane
Northbrook, IL 60062-4513
Phone: 847-272-4711
TTY#: N/A
Email Address: kelly.hamill@northbrook.il.us

GRANTEE DESIGNEES

The following are designated as Authorized Designee(s) for the Grantee (*See* **PART TWO**, ARTICLE XXIII):

Authorized Designee: Kelly Hamill
Authorized Designee Title: Director, Public Works
Authorized Designee Phone: 847-272-4711 x4110
Authorized Designee Email: kelly.hamill@northbrook.il.us

Authorized Designee Signature:

Authorized Signatory Approval:

Authorized Designee: Cara Pavlicek
Authorized Designee Title: Village Manager
Authorized Designee Phone: 847-664-4011
Authorized Designee Email: cara.pavlicek@northbrook.il.us

Authorized Designee Signature:

Authorized Signatory Approval:

Authorized Designee: _____
Authorized Designee Title: _____
Authorized Designee Phone: _____
Authorized Designee Email: _____

Authorized Designee Signature: _____

Authorized Signatory Approval: _____

Authorized Designee: _____
Authorized Designee Title: _____
Authorized Designee Phone: _____
Authorized Designee Email: _____

Authorized Designee Signature: _____

Authorized Signatory Approval: _____

GRANTOR CONTACT FOR AUDIT OR CONSOLIDATED YEAR-END FINANCIAL REPORTS QUESTIONS—AUDIT UNIT

Email: CEO.GrantHelp@Illinois.gov

GRANTOR CONTACT FOR FINANCIAL CLOSEOUT AND REFUNDS—PROGRAM ACCOUNTANT

Name:	Sam Huston
Email:	samuel.huston@illinois.gov
Phone:	000-000-0000
Fax#:	N/A
Address:	IDCEO-ACCOUNTING OFFICE 1011 S 2ND ST SPRINGFIELD IL 62704-3004

EXHIBIT D

PERFORMANCE MEASURES AND STANDARDS

To be stated on the initial submitted Periodic Performance Report (PPR), as directed by the Report Deliverable Schedule, the Grantee will incorporate project specific performance measures within the corresponding section of the PPR. The project specific performance measures will encompass the following standardized performance measures listed below.

- Did the deliverables specified in the task list submitted pursuant to Exhibit B lead to the completion of the project described in Exhibit A?
- Given the total amount of Grant Funds available, does the percent currently drawn and expended directly correlate to the percent of the completion of the project to date?
- At the time of Award closeout, has the Grantee fulfilled the public purpose of the project stated in Exhibit A?

The Grantor reserves the right to deny any voucher request(s) at its discretion, based on lack of progress toward meeting completion goals. If the Grantee fails to meet any of the performance measures/goals, and if deemed appropriate at the discretion of the Grantor, the Grant Funds may be decreased by an amount proportionate to the size of the shortfall, and/or the Grantee may be responsible for the return of the Grant Funds in the amount specified by the Grantor. Grantor may initiate a grant modification(s) to de-obligate Grant Funds based on non-performance. The Grantee will submit grant modification requests as necessary in a timely manner, including a request to de-obligate Grant Funds in an amount that the Grantee determines will be unspent by the end of the Grant Agreement Term.

EXHIBIT E

SPECIFIC CONDITIONS

Grantor may remove (or reduce) a Specific Condition included in this Exhibit by providing written notice to the Grantee, in accordance with established procedures for removing a Specific Condition.

There were no conditions resulting from the Internal Control Questionnaire (ICQ).

There were no conditions resulting from the Programmatic Risk Assessment.

PART TWO – GRANTOR-SPECIFIC TERMS

In addition to the uniform requirements in **PART ONE**, Grantor has the following additional requirements for its Grantee:

ARTICLE XXIII
AUTHORIZED SIGNATORY

23.1. Authorized Signatory. In processing this Award and related documentation, Grantor will only accept materials signed by the Authorized Signatory or Designee of this Agreement, as designated or prescribed in the Grantee's signature block or on **Exhibit C**. If the Authorized Signatory chooses to assign a designee to sign or submit materials required by this Agreement to Grantor, the Authorized Signatory must either send written notice to Grantor indicating the name of the designee, or provide notice as set forth in **Exhibit C**. Without this notice, Grantor will reject any materials signed or submitted on the Grantee's behalf by anyone other than the Authorized Signatory. The Authorized Signatory must approve each Authorized Designee separately by signing as indicated on **Exhibit C** or on the appropriate form provided by Grantor. If an Authorized Designee(s) appears on **Exhibit C**, the Grantee should verify the information and indicate any changes as necessary. Signatures of both the Authorized Signatory and the Authorized Designee are required in order for the Authorized Designee to have signature authority under this Agreement.

ARTICLE XXIV
ADDITIONAL AUDIT PROVISIONS

24.1. Discretionary Audit. The Grantor may, at any time and in its sole discretion, require a program-specific audit, or other audit, SAS 115/AU-C265 letters (Auditor's Communication of Internal Control Related Matters) and SAS 114/AU-C260 letters (Auditor's Communication With Those Charged With Governance).

ARTICLE XXV
ADDITIONAL MONTORING PROVISIONS

25.1. Cooperation with Audits and Inquiries, Confidentiality. Pursuant to ARTICLE IX, above, the Grantee is obligated to cooperate with the Grantor and other legal authorities in any audit or inquiry related to the Award. The Grantor or any other governmental authority conducting an audit or inquiry may require the Grantee to keep confidential any audit or inquiry and to limit internal disclosure of the audit or inquiry to those Grantee personnel who are necessary to support the Grantee's response to the audit or inquiry. This confidentiality requirement does not limit Grantee's right to discuss an audit or inquiry with its legal counsel. If a third party seeks to require the Grantee, pursuant to any law, regulation, or legal process, to disclose an audit or inquiry that has been deemed confidential by the Grantor or other governmental authority, the Grantee must promptly notify the entity that is conducting the audit or inquiry of such effort so that the entity that is conducting the audit or inquiry may seek a protective order, take other appropriate action, or waive compliance by the Grantee with the confidentiality requirement.

ARTICLE XXVI
ADDITIONAL INTEREST PROVISIONS

26.1. Interest Earned on Grant Funds. Interest earned on Grant Funds in an amount up to $500 per year may be retained by the Grantee for administrative expenses unless otherwise provided in **PART THREE**. Any additional interest earned on Grant Funds above $500 per year must be returned to the Grantor pursuant to Paragraphs 4.3 and 29.2 herein, or as otherwise instructed by the Grant Manager or as set forth in **PART THREE**. All interest earned must be expended prior to Grant Funds. Any unspent Grant Funds or earned interest unspent must be returned as Grant Funds to the Grantor as described in Paragraphs 4.3 and 29.2 herein. All interest earned on Grant Funds must be accounted for and reported to the Grantor as provided in ARTICLE X herein. If applicable, the Grantor will remit interest earned and returned by Grantee to the U.S. Department of Health and Human Services

Payment Management System through the process set forth at 2 CFR 200.305(b)(12), or as otherwise directed by the federal awarding agency. The provisions of this Paragraph are inapplicable to the extent any statute, rule or program requirement provides for different treatment of interest income. Any provision that deviates from this paragraph is set forth in **PART THREE**.

ARTICLE XXVII
ADDITIONAL BUDGET PROVISIONS

27.1. Restrictions on Line Item Transfers. Unless set forth otherwise in **PART THREE** herein, Budget line item transfers within the guidelines set forth in paragraph 6.2 herein, which would not ordinarily require approval from Grantor, but result in an increase of ten percent (10%) or more to any expenditure category of the current approved Budget, are considered changes in the project scope and require Prior Approval from Grantor pursuant to 44 Ill. Admin. Code 7000.370(b).

ARTICLE XXVIII
ADDITIONAL REPRESENTATIONS AND WARRANTIES

28.1. Grantee Representations and Warranties. In connection with the execution and delivery of this Agreement, the Grantee makes the following representations and warranties to Grantor:

(a) That it has no public or private interest, direct or indirect, and will not acquire, directly or indirectly any such interest which does or may conflict in any manner with the performance of the Grantee's services and obligations under this Agreement;

(b) That no member of any governing body or any officer, agent or employee of the State, has a personal financial or economic interest directly in this Agreement, or any compensation to be paid hereunder except as may be permitted by applicable statute, regulation or ordinance;

(c) That there is no action, suit or proceeding at law or in equity pending, nor to the best of Grantee's knowledge, threatened, against or affecting the Grantee, before any court or before any governmental or administrative agency, which will have a material adverse effect on the performance required by this Agreement;

(d) That to the best of the Grantee's knowledge and belief, the Grantee, its principals and key project personnel:

(i) Are not presently declared ineligible or voluntarily excluded from contracting with any federal or State department or agency;

(ii) Have not, within a three (3)-year period preceding this Agreement, been convicted of any felony; been convicted of a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction; had a civil judgment rendered against them for commission of fraud; been found in violation of federal or state antitrust statutes; or been convicted of embezzlement, theft, larceny, forgery, bribery, falsification or destruction of records, making a false statement, or receiving stolen property;

(iii) Are not presently indicted for, or otherwise criminally or civilly charged, by a government entity (federal, state or local) with commission of any of the offenses enumerated in subparagraph (ii) of this certification; and

(iv) Have not had, within a three (3)-year period preceding this Agreement, any judgment rendered in an administrative, civil or criminal matter against the Grantee, or any entity

associated with its principals or key personnel, related to a grant issued by any federal or state agency or a local government.

Any request for an exception to the provisions of this subparagraph (d) must be made in writing, listing the name of the individual, home address, type of conviction and date of conviction; and

(e) Grantee certifies that it is not currently operating under, or subject to, any cease and desist order, or subject to any informal or formal regulatory action, and, to the best of Grantee's knowledge, that it is not currently the subject of any investigation by any state or federal regulatory, law enforcement or legal authority. Should it become the subject of an investigation by any state or federal regulatory, law enforcement or legal authority, Grantee shall promptly notify Grantor of any such investigation. Grantee acknowledges that should it later be subject to a cease and desist order, Memorandum of Understanding, or found in violation pursuant to any regulatory action or any court action or proceeding before any administrative agency, that Grantor is authorized to declare Grantee out of compliance with this Agreement and suspend or terminate the Agreement pursuant to ARTICLE XIII herein and any applicable rules.

ARTICLE XXIX
ADDITIONAL TERMINATION, SUSPENSION, BILLING SCHEDULE AND NON-COMPLIANCE PROVISIONS

29.1. Remedies for Non-Compliance. If Grantor suspends or terminates this Agreement pursuant to ARTICLE XIII herein, Grantor may also elect any additional remedy allowed by law, including, but not limited to, one or more of the following remedies:

(a) Direct the Grantee to refund some or all of the Grant Funds disbursed to it under this Agreement; and

(b) Direct the Grantee to remit an amount equivalent to the "Net Salvage Value" of all equipment or materials purchased with Grant Funds provided under this Agreement. For purposes of this Agreement, "Net Salvage Value" is defined as the amount realized, or that the Parties agree is likely to be realized from, the sale of equipment or materials purchased with Grant Funds provided under this Agreement at its current fair market value, less selling expenses.

29.2. Grant Refunds. In accordance with the Illinois Grant Funds Recovery Act, 30 ILCS 705/1 *et seq.*, the Grantee must, within forty five (45) days of the effective date of a termination of this Agreement, refund to Grantor, any balance of Grant Funds not spent or not obligated as of that date.

29.3. Grant Funds Recovery Procedures. In the event that Grantor seeks to recover from Grantee Grant Funds received pursuant to this Award that: (i) Grantee cannot demonstrate were properly spent, or (ii) have not been expended or legally obligated by the time of expiration or termination of this Award, the Parties agree to follow the procedures set forth in the Illinois Grant Funds Recovery Act, 30 ILCS 705/1 *et seq.* (GFRA), for the recovery of Grant Funds, including the informal and formal hearing requirements. All remedies available in Section 6 of the GFRA will apply to these proceedings. The Parties agree that Grantor's Administrative Hearing Rules (56 Ill. Admin. Code Part 2605) and/or any other applicable hearing rules shall govern these proceedings.

29.4. Grantee Responsibility. Grantee will be held responsible for the expenditure of all Grant Funds received through this Award, whether expended by Grantee or a subrecipient or contractor of Grantee. Grantor may seek any remedies against Grantee permitted pursuant to this Agreement and 2 CFR 200.339 for the action of a subrecipient or contractor of Grantee that is not in compliance with the applicable statutes, regulations or the terms and conditions of this Award.

29.5. Billing Schedule. In accordance with paragraph 4.8, herein Grantee must submit all payment requests to Grantor within thirty (30) days of the end of the quarter, unless another billing schedule is specified in **PART THREE** or Paragraph 2.3. Failure to submit such payment request timely will render the amounts billed an

unallowable cost which Grantor cannot reimburse. In the event that Grantee is unable, for good cause, to submit its payment request timely, Grantee must timely notify Grantor and may request an extension of time to submit the payment request. Grantor's approval of Grantee's request for an extension cannot be unreasonably withheld. The payment requirements of this Paragraph supersede those set forth in Paragraph 4.8.

ARTICLE XXX
ADDITIONAL MODIFICATION PROVISIONS

30.1. Modifications by Operation of Law. This Agreement is subject to such modifications as the Grantor determines, in its sole discretion, may be required by changes in federal or State law or regulations applicable to this Agreement. Grantor will initiate such modifications, and Grantee will be required to agree to the modification in writing as a condition of continuing the Award. Any such required modification will be incorporated into and become part of this Agreement as if fully set forth herein. The Grantor will timely notify the Grantee of any pending implementation of or proposed amendment to any laws or regulations of which it has notice.

30.2. Discretionary Modifications. If either the Grantor or the Grantee wishes to modify the terms of this Agreement other than as set forth in ARTICLES V and VI and Paragraphs 30.1 and 30.3, written notice of the proposed modification must be given to the other Party. Modifications will only take effect when agreed to in writing by both the Grantor and the Grantee. However, if the Grantor notifies the Grantee in writing of a proposed modification, and the Grantee fails to respond to that notification, in writing, within thirty (30) days, the Grantor may commence a process to suspend or terminate this Award. In making an objection to the proposed modification, the Grantee must specify the reasons for the objection and the Grantor will consider those objections when evaluating whether to follow through with the proposed modification. The Grantor's notice to the Grantee must contain the Grantee name, Agreement number, Amendment number and purpose of the revision. If the Grantee seeks any modification to the Agreement, the Grantee must submit a detailed narrative explaining why the Project cannot be completed in accordance with the terms of the Agreement and how the requested modification will ensure completion of the Grant Activities, Deliverables, Milestones and/or Performance Measures (**Exhibits A**, B and D).

30.3. Unilateral Modifications. The Parties agree that Grantor may, in its sole discretion, unilaterally modify this Agreement without prior approval of the Grantee when the modification is initiated by Grantor for the sole purpose of increasing the Grantee's funding allocation as additional funds become available for the Award during the program year covered by the Term of this Agreement.

30.4. Management Waiver. The Parties agree that the Grantor may issue a waiver of specific requirements of this Agreement after the term of the Agreement has expired. These waivers are limited to non-material changes to specific provisions that the Grantor determines are necessary to place the Grantee in administrative compliance with the requirements of this Agreement. A management waiver issued after the Term of the Agreement has expired will supersede the original requirements of this Agreement that would normally require a modification of this Agreement to be executed. The Grantor will make no modifications of this Agreement not agreed to prior to the expiration of the Agreement beyond what is specifically set forth in this Paragraph.

30.5. Term Extensions. The Grantee acknowledges that all Grant Funds must be expended or legally obligated, and all Grant Activities, Deliverables, Milestones and Performance Measures (**Exhibits A**, B and D) must be completed during the Term of the Agreement. Extensions of the Term will be granted only for good cause, subject to the Grantor's discretion. Pursuant to the Grant Funds Recovery Act (30 ILCS 705/1 *et seq.*), no Award may be extended in total beyond a two (2)-year period unless the Grant Funds are expended or legally obligated during that initial two-year period, or unless Grant Funds are disbursed for reimbursement of costs previously incurred by the Grantee. If Grantee requires an extension of the Award Term, Grantee should submit a written request to the Grant Manager at least sixty (60) days prior to the end of the Award Term or extended Award Term, as applicable, stating the reason for the extension. If Grantee provides reasonable extenuating circumstances, Grantee may request an extension of the Award Term with less than sixty (60) days remaining.

ARTICLE XXXI
ADDITIONAL CONFLICT OF INTEREST PROVISIONS

31.1. Bonus or Commission Prohibited. The Grantee shall not pay any bonus or commission for the purpose of obtaining the Grant Funds awarded under this Agreement.

ARTICLE XXXII
ADDITIONAL EQUIPMENT OR PROPERTY PROVISIONS

32.1. Equipment Management. The Grantee is responsible for replacing or repairing equipment and materials purchased with Grant Funds that are lost, stolen, damaged, or destroyed. Any loss, damage or theft of equipment and materials must be investigated and fully documented, and immediately reported to the Grantor and, where appropriate, the appropriate law enforcement authorities.

32.2. Purchase of Real Property. If permitted by the Award Budget and scope of activities provided in this Agreement, a Grantee may use the Grant Funds during the Award Term for the costs associated with the purchase of real property (as defined by 2 CFR 200.1) either through the use of reimbursement or advanced funds as permitted in Paragraph 2.3 of this Agreement for the following purposes and consistent with the Grantor's bondability guidelines and 2 CFR 200:

(a) Cash payment of the entirety or a portion of the real property acquisition;

(b) Cash Payment of a down payment for the acquisition;

(c) Standard and commercially reasonable costs required to be paid at the acquisition closing (*i.e.*, closing costs); or

(d) Payments to reduce the debt incurred by Grantee to purchase the real property.

32.3. Bonding Requirements. If Grant Funds through this Award are used for construction or facility improvement projects that exceed the Simplified Acquisition Threshold, the Grantee must comply with the minimum bonding requirements listed in 2 CFR 200.326(a) – (c). Grantor will not accept the Grantee's own bonding policy and requirements.

32.4. Lien Requirements. Grantor may direct Grantee in writing to record a lien or notice of State or federal interest on the property purchased or improved with Grant Funds. 2 CFR 200.316. If Grantor makes this direction and the Grantee does not comply, the Grantor may: (a) record the lien or notice of State or federal interest and reduce the amount of the Grant Funds by the cost of recording the lien or notice of State or federal interest, or (b) suspend this Award until Grantee complies with Grantor's direction.

ARTICLE XXXIII
APPLICABLE STATUTES

To the extent applicable, Grantor and Grantee shall comply with the following:

33.1. Land Trust Beneficial Interest Disclosure Act (765 ILCS 405/2.1). No Grant Funds will be paid to any trustee of a land trust, or any beneficiary or beneficiaries of a land trust, for any purpose relating to the land, which is the subject of such trust, any interest in such land, improvements to such land or use of such land unless an affidavit is first filed with the Grantor identifying each beneficiary of the land trust by name and address and defining such interest therein. This affidavit must be filed with the Illinois Office of the Comptroller as an attachment to this Agreement.

33.2. Historic Preservation Act (20 ILCS 3420/1 *et seq.*). The Grantee will not expend Grant Funds under this Agreement which result in the destruction, alteration, renovation, transfer or sale, or utilization of a historic property, structure or structures, or in the introduction of visual, audible or atmospheric elements to a historic property, structure or structures, which will result in the change in the character or use of any historic property, except as approved by the Illinois Department of Natural Resources, Historic Preservation Division. The Grantee must not expend Grant Funds under this Agreement for any project, activity, or program that can result in changes in the character or use of historic property, if any historic property is located in the area of potential effects without the approval of the Illinois Department of Natural Resources, Historic Preservation Division. 20 ILCS 3420/3(f).

33.3. Victims' Economic Security and Safety Act (820 ILCS 180 *et seq.*). If the Grantee has one (1) or more employees, it may not discharge or discriminate against an employee who is a victim of domestic or sexual violence, or who has a family or household member who is a victim of domestic or sexual violence, for taking up to the allowable amount of leave from work to address the domestic violence, pursuant to the Victims' Economic Security and Safety Act. 820 ILCS 180/20(a)(2). The Grantee is not required to provide paid leave under the Victims' Economic Security and Safety Act, but may not suspend group health plan benefits during the leave period. Any failure on behalf of the Grantee to comply with all applicable provisions of the Victims' Economic Security and Safety Act, or applicable rules and regulations promulgated thereunder, may result in a determination that the Grantee is ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this Agreement may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked, as provided by statute or regulation.

33.4. Equal Pay Act of 2003 (820 ILCS 112 *et seq.*). If the Grantee has one (1) or more employees, it is prohibited by the Equal Pay Act of 2003 from: (a) discriminating between employees by paying unequal wages on the basis of sex for doing the same or substantially similar work; (b) discriminating between employees by paying wages to an African-American employee at a rate less than the rate at which the Grantee pays wages to another employee who is not African-American for the same or substantially similar work; (c) remedying violations of the Equal Pay Act of 2003 by reducing the wages of other employees or discriminating against any employee exercising their rights under the Equal Pay Act of 2003; and (d) screening job applicants based on their current or prior wages or salary histories, or requesting or requiring a wage or salary history from an individual as a condition of employment or consideration for employment. Any failure on behalf of the Grantee to comply with all applicable provisions of the Equal Pay Act of 2003, or applicable rules and regulations promulgated thereunder, may result in a determination that the Grantee is ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this Agreement may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked, as provided by statute or regulation.

33.5. Steel Products Procurement Act (30 ILCS 565/1 *et seq.*). The Grantee, if applicable, hereby certifies that any steel products used or supplied in accordance with this Award for a public works project shall be manufactured or produced in the United States per the requirements of the Steel Products Procurement Act (30 ILCS 565/1 *et seq.*).

33.6. Business Enterprise for Minorities, Women, and Persons with Disabilities Act and Illinois Human Rights Act (30 ILCS 575/0.01; 775 ILCS 5/2-105). The Grantee acknowledges and hereby certifies compliance with the provisions of the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, and the equal employment practices of Section 2-105 of the Illinois Human Rights Act for the provision of services which are directly related to the Award activities to be performed under this Agreement.

33.7. Identity Protection Act (5 ILCS 179/1 *et seq.*) and Personal Information Protection Act (815 ILCS 530/1 *et seq.*). The Grantor is committed to protecting the privacy of its vendors, grantees and beneficiaries of programs and services. At times, the Grantor will request social security numbers or other personal identifying information. Federal and state laws, rules and regulations require the collection of this information for certain purposes relating to employment and/or payments for goods and services, including, but not limited to, Awards. The Grantor also collects confidential information for oversight and monitoring purposes.

Furnishing personal identity information, such as a social security number, is voluntary; however, failure to provide required personal identity information may prevent an individual or organization from using the services/benefits provided by the Grantor as a result of state or federal laws, rules and regulations.

To the extent the Grantee collects or maintains protected personal information as part of carrying out the Award activities, the Grantee must maintain the confidentiality of the protected personal information in accordance with applicable law and as set forth below.

(a) Personal Information Defined. As used herein, "Personal Information" shall have the definition set forth in the Personal Information Protection Act, 815 ILCS 530/5 ("PIPA").

(b) Protection of Personal Information. The Grantee must use at least reasonable care to protect the confidentiality of Personal Information that is collected or maintained as part of the Award activities and (i) not use any Personal Information for any purpose outside the scope of the Award activities and (ii) except as otherwise authorized by the Grantor in writing, limit access to Personal Information to those of its employees, contractors, and agents who need such access for purposes consistent with the Award Activities. If Grantee provides any contractor or agent with access to Personal Information, it must require the contractor or agent to comply with the provisions of this Paragraph.

(c) Security Assurances. Grantee represents and warrants that it has established and will maintain safeguards against the loss and unauthorized access, acquisition, destruction, use, modification, or disclosure of Personal Information and shall otherwise maintain the integrity of Personal Information in its possession in accordance with any federal or state law privacy requirements, including PIPA. These safeguards must be reasonably designed to (i) ensure the security and confidentiality of the Personal Information, (ii) protect against any anticipated threats or hazards to the security or integrity of Personal Information, and (iii) protect against unauthorized access to or use of Personal Information. Additionally, Grantee will have in place policies, which provide for the secure disposal of documents and information which contain Personal Information, including but not limited to shredding documents and establishing internal controls over the authorized access to such information. 815 ILCS 530/40.

(d) Breach Response. In the event of any unauthorized access to, unauthorized disclosure of, loss of, damage to or inability to account for any Personal Information (a "Breach"), Grantee agrees that it will promptly, at its own expense: (i) report such Breach to the Grantor by telephone with immediate written confirmation sent by e-mail, describing in detail any accessed materials and identifying any individual(s) who may have been involved in such Breach; (ii) take all actions necessary or reasonably requested by the Grantor to stop, limit or minimize the Breach; (iii) restore and/or retrieve, as applicable, and return all Personal Information that was lost, damaged, accessed, copied or removed; (iv) cooperate in all reasonable respects to minimize the damage resulting from such Breach; (v) provide any notice to Illinois residents as required by 815 ILCS 530/10, 815 ILCS 530/12 or applicable federal law, in consultation with the Grantor; and (vi) cooperate in the preparation of any report related to the Breach that the Grantor may need to present to any governmental body.

(e) Injunctive Relief. Grantee acknowledges that, in the event of a breach of this Paragraph, Grantor will likely suffer irreparable damage that cannot be fully remedied by monetary damages. Accordingly, in addition to any remedy which the Grantor may possess pursuant to applicable law, the Grantor retains the right to seek and obtain injunctive relief against any such breach in any Illinois court of competent jurisdiction.

(f) Compelled Access or Disclosure. The Grantee may disclose Personal Information if it is compelled by law, regulation, or legal process to do so, provided the Grantee gives the Grantor at least ten (10) days' prior notice of such compelled access or disclosure (to the extent legally permitted) and reasonable assistance if the Grantor wishes to contest the access or disclosure.

ARTICLE XXXIV
ADDITIONAL MISCELLANEOUS PROVISIONS

34.1. Workers' Compensation Insurance, Social Security, Retirement and Health Insurance Benefits, and Taxes. The Grantee must provide Workers' Compensation insurance where the same is required and accepts full responsibility for the payment of unemployment insurance, premiums for Workers' Compensation, Social Security and retirement and health insurance benefits, as well as all income tax deduction and any other taxes or payroll deductions required by law for its employees who are performing services specified by this Agreement.

34.2. Required Notice. Grantee agrees to give prompt notice to the Grantor of any event that may materially affect the performance required under this Agreement. Any notice or final decision by Grantor relating to (a) a Termination or Suspension (ARTICLE XIII), (b) Modifications, Management Waivers or Term Extensions (ARTICLE XXX) or (c) Assignments (Paragraph 22.2) must be executed by the Director of the Grantor or her or his authorized designee.

ARTICLE XXXV
ADDITIONAL REQUIRED CERTIFICATIONS

The Grantee makes the following certifications as a condition of this Agreement. These certifications are required by State statute and are in addition to any certifications required by any federal funding source as set forth in this Agreement. Grantee's execution of this Agreement shall serve as its attestation that the certifications made herein are true and correct.

35.1. Sexual Harassment. The Grantee certifies that it has written sexual harassment policies that must include, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) the Grantee's internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and the Human Rights Commission; (vi) directions on how to contact the Department of Human Rights and the Human Rights Commission; and (vii) protection against retaliation as provided by Sections 6-101 and 6-101.5 of the Illinois Human Rights Act. 775 ILCS 5/2-105(A)(4). A copy of the policies must be provided to the Grantor upon request.

35.2. Federal, State and Local Laws; Tax Liabilities; State Agency Delinquencies. The Grantee is required to comply with all federal, state and local laws, including but not limited to the filing of any and all applicable tax returns. If Grantee is delinquent in filing and/or paying any federal, state and/or local taxes, the Grantor will disburse Grant Funds only if the Grantee enters into an installment payment agreement with the applicable tax authority and remains in good standing with that authority. Grantee is required to tender a copy of all relevant installment payment agreements to the Grantor. In no event may Grantee utilize Grant Funds to discharge outstanding tax liabilities or other debts owed to any governmental unit. **The execution of this Agreement by the Grantee is its certification that: (i) it is current as to the filing and payment of any federal, state and/or local taxes applicable to Grantee; and (ii) it is not delinquent in its payment of moneys owed to any federal, state, or local unit of government.**

35.3. Lien Waivers. If applicable, the Grantee must monitor construction to assure that necessary contractors' affidavits and waivers of mechanics liens are obtained prior to release of Grant Funds to contractors and subcontractors.

35.4. Grant for the Construction of Fixed Works. Grantee certifies that all Projects for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement will be subject to the Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*) unless the provisions of that Act exempt its application. In the

construction of the Projects, Grantee must comply with the requirements of the Prevailing Wage Act including, but not limited to: (a) paying the prevailing rate of wages required by the Illinois Department of Labor, or a court on review, to all laborers, workers and mechanics performing work with Grant Funds provided through this Agreement, (b) inserting into all contracts for such construction a stipulation to the effect that not less than the prevailing rate of wages as applicable to the Project must be paid to all laborers, workers, and mechanics performing work under this Award; and (c) requiring all bonds of contractors to include a provision as will guarantee the faithful performance of the prevailing wage clause as provided by contract.

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PART THREE – PROJECT-SPECIFIC TERMS

In addition to the uniform requirements in **PART ONE** and Grantor-Specific Terms in **PART TWO**, Grantor has the following additional requirements for this Project:

ARTICLE XXXVI
REPORT DELIVERABLE SCHEDULE

36.1. External Audit Reports. External Audit Reports may be required. Refer to ARTICLE XII of this Agreement to determine whether you are required to submit an External Audit Report and the applicable due date.

36.2. Annual Financial Reports. Annual Financial Reports may be required. Refer to Paragraph 12.2 of this Agreement to determine whether you are required to submit Annual Financial Reports.

36.3. Required Periodic Reports. Below is the required periodic reporting schedule for this Award.

October 2025

- Quarterly Periodic Financial Report (10/30/2025) - Covering Period of 08/01/2025 - 09/30/2025; Send To: Grant Manager
- Quarterly Periodic Performance Report (10/30/2025) - Covering Period of 08/01/2025 - 09/30/2025; Send To: Grant Manager

January 2026

- Quarterly Periodic Financial Report (01/30/2026) - Covering Period of 10/01/2025 - 12/31/2025; Send To: Grant Manager
- Quarterly Periodic Performance Report (01/30/2026) - Covering Period of 10/01/2025 - 12/31/2025; Send To: Grant Manager

April 2026

- Quarterly Periodic Financial Report (04/30/2026) - Covering Period of 01/01/2026 - 03/31/2026; Send To: Grant Manager
- Quarterly Periodic Performance Report (04/30/2026) - Covering Period of 01/01/2026 - 03/31/2026; Send To: Grant Manager

July 2026

- Quarterly Periodic Financial Report (07/30/2026) - Covering Period of 04/01/2026 - 06/30/2026; Send To: Grant Manager
- Quarterly Periodic Performance Report (07/30/2026) - Covering Period of 04/01/2026 - 06/30/2026; Send To: Grant Manager

August 2026

- End of grant Closeout Financial Report (08/14/2026) - Covering Period of 08/01/2025 - 06/30/2026; Send To: Grant Manager
- End of grant Closeout Performance Report (08/14/2026) - Covering Period of 08/01/2025 06/30/2026; Send To: Grant Manager

36.4. Changes to Reporting Schedule. Changes to the schedules for periodic reporting, the external audit reports and the annual financial reports do not require a formal modification to this Agreement pursuant to

Paragraph 22.4 and ARTICLE XXX, and may be changed unilaterally by the Grantor if necessitated by a change in the project schedule or at the discretion of the Grantor. The Grantee may not modify the reporting deliverable schedules in ARTICLES X, XI, XII and XXXVI unilaterally, and must obtain prior written approval from Grantor or the Grant Accountability and Transparency Unit of the Governor's Office of Management and Budget, if applicable, to change any reporting deadlines.

ARTICLE XXXVII
GRANT-SPECIFIC TERMS/CONDITIONS

37.1. Compensation To The Grantee.

(a) Method of Compensation. The method of compensation shall be in accordance with the applicable State laws relative to such compensation by which the Grantor is governed. Grantee shall comply with direction issued by the Grantor as to procedures to be followed when requesting disbursement of Grant Funds. All payment requests submitted by the Grantee shall be reviewed by the Grantor to ensure that such requests are:

(i) in accordance with the approved Award Budget;
(ii) in accordance with the provisions of this Agreement and any special terms and conditions of approved funding requests. Any expenditure of Grant Funds which does not comply with these provisions will be subject to the enforcement remedies at 2 CFR 200.339.

(b) Grantor Review of Expenditures. When making a request for funding, the Grantee shall provide Grantor support documentation evidencing that the costs are allowable, necessary and reasonable in accordance with this Agreement and all applicable laws and regulations. Grantor will review such documentation prior to approving Grantee's requests for funds. However, the Grantee acknowledges that, because the Grantor's initial determination will be based solely on the Grantee's documentation and self-declarations and/or attestations, the Grantor's initial determination shall not be considered a final acceptance or approval of the Award costs. Permissibility of all Award costs are subject to subsequent on-site monitoring reviews and/or audits of the Grantee's books and records as well as corresponding source documentation, including, but not limited to, detailed invoices received from and checks paid to external vendors for services provided during the course of the Award Term.

37.2. Funding Terms and Restrictions.

(a) Reimbursement Limitation. The Grantee cannot be reimbursed for costs incurred in excess of the total approved Grant Budget. The Grantee may be reimbursed for costs exceeding amounts budgeted by specific cost categories only in accordance with provisions of Articles VI, XXVII and XXX.

(b) Budget Modifications. The Grantee should obtain approval prior to incurring expenditures which necessitate a change in the approved Grant Budget, unless permitted as a discretionary line item transfer pursuant to paragraphs 6.2 and 27.1 herein. The Grantor reserves the right to withhold funds for such expenditures until a revised Budget has been submitted by the Grantee and approved by the Grantor.

(c) Overpayment. In addition to the return of unspent Grant Funds at the end of the expiration of this Agreement pursuant to paragraph 4.3 herein, the Grantee agrees to repay the Grantor for any funds that are determined by the Grantor to have been spent improperly in accordance with

applicable regulations or rules.

(d) Supportive Services & Participant Support Costs. If Grantor approves of Supportive Services as part of Grantee's Budget, costs must meet the basic considerations at 2 CFR 200.402 – 200.411.

37.3. Travel Regulations. Costs in accordance with 2 CFR 200.475 and the latest State of Illinois Travel Regulations or such reasonable travel policies approved and adopted by the Grantee are allowable for expenses for transportation, lodging, subsistence, and related items incurred by Grantee's employees who are in travel status on official business necessary to the grant program. If State of Illinois Travel Regulations are not followed by the Grantee, the Grantee must have on file its approved travel policy for reference by the Grantor, the Comptroller of the State of Illinois, Comptroller General of the United States, or any of their duly authorized representatives. Provided, however, that travel expenses which exceed limitations established by federal statute or regulation (including OMB circulars, etc.) applicable to this Agreement are not allowable costs under this Agreement. For domestic travel to be an allowable cost, it must be necessary, reasonable, allocable and conform to the Grantee's written policies and procedures. *See also* 30 ILCS 708/130.

37.4. Reports Required. The Grantee shall submit programmatic and expenditure reports as required pursuant to written direction issued by the Grantor to the Grantee.

37.5. Monitoring And Evaluation. Grantor will periodically monitor and evaluate programmatic activities and the financial records pursuant to this Agreement. The Grantee will be monitored for compliance with all applicable federal and State laws, regulations, and rules, and Grantor policies applicable to this Agreement. The Grantee's performance will be assessed to gauge its impact upon the target population and for the effective and efficient utilization of the funds.

37.6. Equipment and Property Management. The Grantee may not purchase nonexpendable equipment exceeding the amount specified in 2 CFR 200.1 (equipment definition) without the Grantor's prior written approval. 2 CFR 200.439.

37.7. Managing Subawards and Subrecipients.

(a) Monitoring. The Grantee is responsible for the monitoring of any approved subrecipient, ensuring that the terms and conditions of this Agreement are in all subaward packages and that the subrecipient is in compliance with all applicable regulations and the terms and conditions of this Award. 2 CFR 200.101(b); 2 CFR 200.332. *See also* ARTICLE XIV, herein.

(b) Agreements. Pursuant to paragraph 14.1 herein, Prior Approval by Grantor is required for all subcontracts and subawards entered into by Grantee related to this Award. The Grantee shall provide the Grantor with copies of all subaward and contractual agreements between the Grantee and all subrecipients and contractors related to the performance of this Award. Grantee shall provide these agreements to the Grantor prior to receiving its first funding disbursement. If Grantee enters into any subaward or contractual agreement(s) related to this Award during the Award Term, Grantee shall provide to Grantor such agreements within five (5) calendar days of full execution of the agreement(s).

37.8. Procurement. The Grantee shall follow the procurement standards as established in 2 CFR §§ 200.317 – 200.327 when purchasing goods and services using Grant Funds. Grantee shall ensure compliance with 2 CFR 200.323, if applicable, and must ensure that every purchase order or other contract includes any clauses required by 2 CFR 200.327. In addition, Grantee must follow the procurement requirements at 2 CFR 200.319, which calls for free and open competition. Effective October 1, 2018, pursuant to Office of Management and Budget Memorandum M-18-18, dated June 20, 2018, the federal financial assistance awards threshold for micro-purchases increased to $10,000 and the threshold for simplified acquisitions increased to $250,000.

37.9. Assurances. The Grantee hereby assures and certifies that no part of the payments to be made by the Grantor to the Grantee under this Agreement are available to the Grantee under the terms of any other federal, State or local government grant or subsidy existing as of the date of this Agreement.

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Village Engineer Aram Beladi
Date: 2026-04-28
Subject: A Resolution Approving an Agreement for Design Engineering Services for the Koepke Road Storm Sewer and Roadway Improvements Project with Clark Dietz, Inc. of Kenosha, Wisconsin

Overview

The Village requires Engineering Design Services for storm sewer and roadway improvements on Koepke Road from Pfingsten Road to Miller Road.

Fiscal Impact

The cost submitted by Clark Dietz, Inc. for design engineering is $187,495 consisting of performing a topographic survey, locating utilities, coordination with permitting agencies, and preparing construction documents for the project. Funds have been included in the adopted Fiscal Year 2026-2027 Budget for this work in account 16-4190-730-03. It is important to note that this project was included in the capital planning as part of the recent Stormwater Fund Utility Rate Study.

Account Name	Account Number	Budget	Available	Requested	Remaining	Within Budget?
Stormwater Improvements	16-4190-730-03	$210,115	$210,115	$187,495	$22,620	Yes

Recommendation

Approval.

Background

In the third addendum to the Master Stormwater Plan, the Village has identified that the storm sewer system on Koepke Road warrants replacement due to the lack of protection from 10-year rain events. Updated storm infrastructure will be required to remediate structure and property flooding during these identified rain events. Further, the failing asphalt roadway on Koepke Road warrants resurfacing of the roadway as patching is no longer feasible. The roadway is currently rated as poor (or 1 on a scale of 1-5).

Additionally, in 2025, residents along Koepke Road petitioned the Village seeking curb and gutter improvements through a Special Service Area (SSA) assessment. Street improvements associated with SSA assessments are partially funded by a tax levied on the properties that benefit from the improvements. If the necessary petition succeeds, the Village will consider the inclusion of curb and gutter improvements as a component of the previously mentioned roadway resurfacing project. If the SSA petition does not succeed, the project will only include surface reconstruction and not curb and gutter improvements.

On December 3, 2025, The Village posted a Request for Proposals (RFP) package for design engineering services for this project. The RFP was posted on the Village website. Eight (8) firms submitted proposals, and three firms were selected for interviews. Clark Dietz, Inc. of Kenosha, Wisconsin ("Consultant") was determined to be the most qualified and best demonstrated an understanding of the existing conditions and presented design solutions to alleviate the conditions in a cost-effective manner.

The engineering design of this project along with evaluation of the SSA assessment will occur in FY27. Construction is scheduled to occur in FY28.

Staff recommends the Village Board's Approval of A Resolution Approving an Agreement for Design Engineering Services for the Koepke Road Storm Sewer and Roadway Improvements Project with Clark Dietz, Inc. of Kenosha, Wisconsin. Village staff will be in attendance at the Village Board meeting for any questions that may arise.

A Resolution Approving an Agreement for Engineering Design Services for the Koepke Road Storm Sewer and Roadway Improvements Project with Clark Dietz, Inc. of Kenosha, Wisconsin
Exhibit A - Contract for Koepke Road with Clark Dietz
Supplemental Information - Resident Petition

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving an Agreement for Engineering Design Services for the Koepke Road Storm Sewer and Roadway Improvements Project with Clark Dietz, Inc. of Kenosha, Wisconsin

is hereby adopted, as follows:

Section 1. Recitals.

Koepke Road was included in Addendum 3 of the Villages Master Stormwater Management Plan (MSMP) as project #37 due to poor drainage conditions and property flooding. Additionally, Koepke Road was rated as poor (1 on a scale of 1-5) during the Village's annual road ratings. The condition of the road is such that patching is no longer an option and asphalt rehabilitation is necessary.

As part of the adopted Fiscal Year 2026-2027 Budget, funding has been designated for the design of storm sewer and roadway improvements for the Koepke Road Storm Sewer and Roadway Improvements Project ("***Project***"). The proposed services generally consist of performing a topographic survey, locating utilities, coordination with permitting agencies, and preparing construction documents for the Project ("***Services***").

A Request for Proposals ("***RFP***") was posted on the Village website on December 3, 2025, for the engineering design of the Project. The Village received proposals from eight firms for the Services for the Project.

After reviewing the qualifications of the responding firms, Public Works staff conducted interviews with three firms. Based on these interviews, Public Works staff determined that Clark Dietz, Inc. of Kenosha, Wisconsin ("***Consultant***") was best qualified to perform the Services.

The Consultant will perform the Services for the Project in the amount of $187,495. The Village's Fiscal Year 2026/27 Recommended Budget contains funds for the Services in the Stormwater Fund 16-4190-730-03. Village staff recommends signing a contract between the Village and the Consultant for the Services in the amount of $187,495 ("***Agreement***"). The Agreement is included as ***Exhibit A***.

The President and the Board of Trustees have considered the Agreement and determined that it is in the best interests of the Village and the public to enter into the Agreement with the Consultant.

Section 2. Approval of Agreement

The Agreement with the Consultant is approved in a final form acceptable to the Village Manager and the Village Attorney.

Section 3. Authorization to Execute Agreement.

The Village Manager shall be, and is hereby, authorized and directed to execute and seal, on behalf of the Village, the Agreement executed by the Consultant; provided, however, that if such executed copy of the Agreement is not received by the Village Clerk within 60 days after the date of adoption of this

Resolution, then this authority to execute and seal shall, at the option of the President and Boad of Trustees, be null and void.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:

ATTEST:

Village President

Village Clerk

CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

CLARK DIETZ, INC.

PROFESSIONAL DESIGN ENGINEERING SERVICES FOR

KOEPKE ROAD STORM SEWER AND ROADWAY IMPROVEMENTS

CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

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PROFESSIONAL DESIGN ENGINEERING SERVICES FOR

KOEPKE ROAD STORM SEWER AND ROADWAY IMPROVEMENTS

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ATTACHMENT A - Supplemental Schedule of Contract Terms

ATTACHMENT B - Scope of Services

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CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

CLARK DIETZ, INC.

PROFESSIONAL DESIGN ENGINEERING SERVICES FOR

KOEPKE ROAD STORMWATER AND ROADWAY IMPROVEMENTS

In consideration of the mutual promises set forth below, the Village of Northbrook, 1225 Cedar Lane, Northbrook, Illinois 60062, a unit of local government created and existing under the laws of the State of Illinois ("Owner"), and Clark Dietz, Inc, a corporation ("Consultant"), make this Contract as of the 14th day of April, and hereby agree as follows:

ARTICLE I
THE SERVICES

1.1 Performance of the Services

Consultant shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Services":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, information, data, and other items necessary to accomplish the Project, as defined in Attachment A, in accordance with the Scope of Services attached hereto as Attachment B, the Submittal Requirements attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Approvals. Procure and furnish all approvals and authorizations specified in Attachment A.

3. Insurance. Procure and furnish all certificates and policies of insurance specified in this Contract.

4. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the standards of professional practice and in full compliance with, and as required by or pursuant to, this Contract.

1.2 Commencement and Completion Dates

Consultant shall commence the Services not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Services at such a rate as will allow the Services to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" or, if the Services are to be performed in separate tasks with separate completion dates, the "Completion Dates" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Consultant shall submit to Owner all reports, documents, data, and information specifically set forth in Attachment C or otherwise required to be submitted by Consultant under this Contract and shall, in addition, submit to Owner all such reports, documents, data, and information as may be requested by Owner to fully document the Services ("Required Submittals").

B. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in Attachment C or otherwise in this Contract. If no time for submission is specified for any Required Submittal, such Submittal shall be submitted within a reasonable time in light of its purpose and, in all events, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of any part of the Services to which such Required Submittal may relate. Owner shall have the right to require such corrections as may be necessary to make any Required Submittal conform to this Contract. No Services related to any Required Submittal shall be performed by Consultant until Owner has completed review of such Required Submittal with no exception noted. Owner's review and stamping of any Required Submittal shall not relieve Consultant of the entire responsibility for the performance of the Services in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

C. Responsibility for Delay. Consultant shall be responsible for any delay in the Services due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Incorporation of Contract Provisions

Consultant represents and warrants that it has carefully reviewed, and fully understood, this Contract, including all of its Attachments, all of which are by this reference incorporated into and made a part of this Contract.

1.5 Financial and Technical Ability to Perform

Consultant represents that it is financially solvent, and has the financial resources necessary, and that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff necessary, to provide, perform, and complete the Services in full compliance with, and as required by or pursuant to, this Contract.

1.6 Time

Consultant represents and that it is ready, willing, able, and prepared to begin the Services on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Services in full compliance with, and as required by or pursuant to, this Contract for the Contract Price.

1.7 Consultant's Personnel and Subcontractors

A. Consultant's Personnel. Consultant shall provide all personnel necessary to complete the Services, including without limitation the "Key Project Personnel" identified in Attachment D. Consultant shall provide to Owner telephone numbers at which the Key Project Personnel can be reached on a 24-hour basis. Consultant and Owner may by mutual written agreement make changes and additions to the designations of Key Project Personnel. Prior to terminating the employment of any Key Project Personnel, or reassigning any of the Key Project Personnel to other positions, or upon receiving notification of the resignation of any of the Key Project Personnel, Consultant shall notify Owner as soon as practicable in advance of such proposed termination, reassignment, or resignation. Consultant shall submit justification, including a description of proposed substitute personnel, in sufficient detail to permit evaluation by Owner of the impact of the proposed action on the Services. No such termination or reassignment shall be made by Consultant without prior written approval of Owner. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination, reassignment, resignation, or substitution.

B. Approval and Use of Subcontractors. Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors and subcontracts used by Consultant shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor or subcontract shall not relieve Consultant of full responsibility and liability for the provision, performance, and completion of the Services in full compliance with, and as required by or pursuant to, this Contract. All Services performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Consultant. Every reference in this Contract to "Consultant" shall be deemed also to refer to all subcontractors of Consultant. Every subcontract shall include a provision binding the subcontractor to all provisions of this Contract.

C. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the part of the Services undertaken by it in a manner satisfactory to Owner, Consultant shall immediately upon notice from Owner remove and replace such personnel or subcontractor. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such removal or replacement.

1.8 Owner's Responsibilities

Owner shall, at its sole cost and expense and except as otherwise provided in Attachment D: (a) designate in writing a person with authority to act as Owner's representative and on Owner's behalf with respect to the Services except those matters that may require Board approval of Owner; (b) provide to Consultant all criteria and full information as to Owner's requirements for the Project or work to which the Services relate, including Owner's objectives and constraints, schedule, space, capacity and performance requirements, and budgetary limitations relevant to the Project; (c) provide to Consultant all existing studies, reports, and other available data relevant to the Project; (d) arrange for access to and make all provisions for Consultant to enter upon public and private property as reasonably required for Consultant to perform the Services; (e) provide surveys describing physical characteristics, legal limitations, and utility locations for the Project and the services of geotechnical engineers or other consultants when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B and D; (f) provide structural, mechanical, chemical, air and water pollution tests, test for hazardous materials, and other laboratory and environmental tests, inspections, and reports required by law to be provided by Owner in connection with the Project; (g) review and comment on all Required Submittals and other reports, documents, data, and information presented by Consultant; (h) except as otherwise provided in Attachment A, provide approvals from all governmental authorities having jurisdiction over the Project when such services are reasonably requested by the Consultant, are necessary

for the performance of the Services, and are not already provided for in Attachments B and D; (i) except as provided in Article IV of this Contract provide, all accounting, insurance, and legal counseling services as may be necessary from time to time in the sole judgment of Owner to protect Owner's interests with respect to the Project; (j) attend Project related meetings; and (k) give prompt written notice to Consultant whenever Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Services, provided, however, that failure to give such notice shall not relieve Consultant of any of its responsibilities under this Contract.

1.9 Owner's Right to Terminate or Suspend Services for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Services in whole or in part at any time by written notice to Consultant. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Consultant shall, as and to the extent directed, stop Services under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Services under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled.

B. Payment for Completed Services. In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Consultant (1) such direct costs, including overhead, as Consultant shall have paid or incurred for all Services done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination; and (2) such other costs pertaining to the Services, exclusive of overhead and profit, as Consultant may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Project, the Services and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Services, an equitable adjustment in the Contract Price or Contract Time may be made. No decrease in the amount of the Services caused by any Change Order shall entitle Consultant to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

For any delay that may result from causes that could not be avoided or controlled by Consultant, Consultant shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Services.

2.3 No Constructive Change Orders

No claims for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order. If Owner fails to issue a Change Order including, or fully including, an equitable adjustment in the Contract Price or Contract Time to which Consultant claims it is entitled, or, if Consultant believes that any requirement, direction, instruction, interpretation, determination, or decision of Owner entitles Consultant to an equitable adjustment in the Contract Price or Contract Time that has not been included, or fully included, in a Change Order, then Consultant shall submit to Owner a written request for the issuance of, or revision of, a Change Order, including the equitable adjustment, or the additional

equitable adjustment, in the Contract Price or Contract Time that Consultant claims has not been included, or fully included, in a Change Order. Such request shall be submitted before Consultant proceeds with any Services for which Consultant claims an equitable adjustment is due and shall, in all events, be submitted no later than two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision. Notwithstanding the submission of any such request, Consultant shall, unless otherwise directed by Owner within two business days after receipt by Owner of such request, proceed without delay to perform the Services in compliance with the Change Order or as required, directed, instructed, interpreted, or decided by Owner and shall, pending a final resolution of the issue, keep a daily record of such Services. Unless Consultant submits such a request within two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision, Consultant shall be conclusively deemed (1) to have agreed that such Change Order, requirement, direction, instruction, interpretation, determination, or decision does not entitle Consultant to an equitable adjustment in the Contract Price or Contract Time and (2) to have waived all claims based on such Change Order, requirement, direction, instruction, interpretation, determination, or decision.

ARTICLE III

CONSULTANT'S RESPONSIBILITY FOR DEFECTIVE SERVICES

3.1 Consultant's Responsibilities.

A. Standard of Care. Consultant agrees that the Services and all components thereof shall conform to the requirements of this Contract; shall be fit, sufficient and suitable for the purposes expressed in, or reasonably inferred from, this Contract; shall be performed in accordance with the standards of professional practice, care and diligence practiced by recognized consulting firms performing services of a similar nature in existence at the time of performance of the Services; and the Services shall free from defects and flaws in design consistent with such standards of professional practice, care and diligence. The standards and obligations contained herein shall be in addition to any other requirements expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Opinions of Cost. It is recognized that neither Consultant nor Owner has control over the costs of labor, material, equipment or services furnished by others or over competitive bidding, market or negotiating conditions, or construction contractors' methods of determining their prices. Accordingly, any opinions of probable Project costs or construction costs provided for herein are estimates only, made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as an experienced and qualified professional, familiar with the industry. Consultant does not guaranty that proposals, bids or actual Project costs or construction costs will not vary from opinions of probable cost prepared by Consultant.

3.2 Corrections

Consultant shall be responsible for the quality, technical accuracy, completeness and coordination of all reports, documents, data, information and other items and services under this Contract. Consultant shall, promptly and without charge, provide, to the satisfaction of Owner, all corrective Services necessary as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care.

3.3 Risk of Loss

The Services and everything pertaining thereto shall be provided, performed, and completed at the sole risk and cost of Consultant. Consultant shall be responsible for any and all damages to property or persons as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care

and for any losses or costs to repair or remedy any work undertaken by Owner based upon the Services as a result of any such errors, omissions, negligent acts or failure to meet the standard of care. Notwithstanding any other provision of this Contract, Consultant's obligations under this Section 3.3 shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Consultant, to indemnify, hold harmless or reimburse Consultant for such damages, losses or costs.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Insurance

Contemporaneous with Consultant's execution of this Contract, Consultant shall provide certificates and policies of insurance evidencing at least the minimum insurance coverages and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. **Such policies shall be in a form acceptable to Owner and from companies with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide and otherwise acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner.** Consultant shall, at all times while providing, performing, or completing the Services, including, without limitation, at all times while correcting any failure to meet the standard of care pursuant to Section 3.2 of this Contract, maintain and keep in force, at Consultant's expense, at least the minimum insurance coverages and limits set forth in Attachment A.

4.2 Indemnification

Consultant shall, without regard to the availability or unavailability of any insurance, either of Owner or Consultant; (A) as to Consultant's professional activities, indemnify, and save harmless Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, (collectively "Claims") that may arise out of or in connection with Consultant's negligent performance of, or failure to perform, the Services or any part thereof; provided that Consultant shall not be required to indemnify Owner under provisions A or B of this Section for injury or damage to the extent caused by the negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Consultant, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Consultant shall accept in full satisfaction for providing, performing, and completing the Services, the amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes, Benefits and Royalties

The Contract Price includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits and all costs, royalties, and fees arising from the use on, or the incorporation into, the Services, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Consultant.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in the manner set forth in Attachment A ("Progress Payments").

B. Pay Requests. Consultant shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner an invoice accompanied by such receipts, vouchers, and other documents as may be necessary to establish Consultant's prior payment for all labor, material, and other things covered by the invoice and the absence of any interest, whether in the nature of a lien or otherwise, of any party in any property, work, or fund with respect to the Services performed under this Contract. In addition to the foregoing, such invoice shall include (a) employee classifications, rates per hour, and hours worked by each classification, and, if the Services are to be performed in separate tasks, for each task; (b) total amount billed in the current period and total amount billed to date, and, if the Services are to be performed in separate tasks, for each task; (c) the estimated percent completion, and, if the Services are to be performed in separate tasks, for each task; and (d) Consultant's certification that all prior Progress Payments have been properly applied to the Services with respect to which they were paid. Owner may, by written notice to Consultant, designate a specific day of each month on or before which pay requests must be submitted.

5.4 Final Acceptance and Final Payment

The Services, or, if the Services are to be performed in separate tasks, each task of the Services, shall be considered complete on the date of final written acceptance by Owner of the Services or each task of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed. The Services or each task of the Services, as the case may be, shall be deemed accepted by Owner if not objected to in writing within 60 days after submission by Consultant of the Services or such task of Services for final acceptance and payment plus, if applicable, such additional time as may be considered reasonable for obtaining approval of governmental authorities having jurisdiction to approve the Services, or task of Services, as the case may be. As soon as practicable after final acceptance, Owner shall pay to Consultant the balance of the Contract Price or, if the Services are to be performed in separate tasks, the balance of that portion of the Contract Price with respect to such task of the Services, after deducting therefrom all charges against Consultant as provided for in this Contract ("Final Payment"). The acceptance by Consultant of Final Payment with respect to the Services or a particular task of Services, as the case may be, shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Consultant for anything done, furnished for, arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be, or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be.

5.5 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any pay request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Consultant is liable under this Contract; (3) liens or claims of lien regardless of merit; (4) claims of subcontractors, suppliers, or other persons regardless of merit; (5) delay in the progress or completion of the Services; (6) inability of Consultant to complete the Services; (7) failure of Consultant to properly complete or document any pay request; (8) any other failure of Consultant to perform any of its obligations under this Contract; or (9) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.1 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.5A above until Consultant shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Consultant under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees, and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Consultant under this Contract.

5.6 Final Acceptance and Final Payment

Consultant shall keep accounts, books, and other records of all its billable charges and costs incurred in performing the Services in accordance with generally accepted accounting practices, consistently applied, and in such manner as to permit verification of all entries. Consultant shall make all such material available for inspection by Owner, at all reasonable times during this Contract and for a period of three years following termination of this Contract. Copies of such material shall be furnished, at Owner's expense, upon request.

ARTICLE VI
REMEDIES

6.1 Owner's Remedies

If it should appear at any time prior to Final Payment for all work that Consultant has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Contract, or has attempted to assign this Contract or Consultant's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five business days after Consultant's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Consultant, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to accelerate all or any part of the Services; and to take any or all other action necessary to bring Consultant and the Services into strict compliance with this Contract.

2. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Services or part thereof and make an equitable reduction in the Contract Price.

3. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

4. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

5. Owner may recover any damages suffered by Owner.

6.2 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Consultant's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.9 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Consultant and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Consultant shall act as an independent contractor in providing and performing the Services. Nothing in or done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint venturers between Owner and Consultant or (2) to create any relationship between Owner and any subcontractor of Consultant.

7.3 No Collusion

Consultant hereby represents and certifies that Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Consultant is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. Consultant hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Consultant has, in procuring this Contract, colluded with any other person, firm, or corporation, then Consultant shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Consultant shall not (1) assign this Contract in whole or in part, (2) assign any of Consultant's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Consultant.

7.5 Confidential Information

All information supplied by Owner to Consultant for or in connection with this Contract or the Services shall be held confidential by Consultant and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Services.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Services by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming, or incomplete Services, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Consultant; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third-Party Beneficiaries

No claim as a third-party beneficiary under this Contract by any person, firm, or corporation other than Consultant shall be made or be valid against Owner.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any main or branch United States post office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested. Notices and communications to Owner shall be addressed to, and delivered at, the following address:

Village of Northbrook
Public Works Center
655 Huehl Road
Northbrook, Illinois 60062
Attention: Aram Beladi, Village Engineer

Notices and communications to Consultant shall be addressed to, and delivered at, the following address:

Clark Dietz, Inc.
625 57th Street, 6th Floor
Kenosha, WI 53140
Attention: Benjamin Metzler, Project Manager

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section 7.8, Owner and Consultant each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address or addressee shall be effective until actually received.

7.9 Governing Laws

This Contract and the rights of Owner and Consultant under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

7.11 Compliance with Laws and Grants

Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Consultant's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Documents

Drawings, plans, specifications, photos, reports, information, observations, calculations, notes and any other reports, documents, data or information, in any form, prepared, collected, or received by Consultant in connection with any or all of the Services (the "Documents") shall be and remain the property of Owner. At Owner's request, or upon termination of this Contract, the Documents shall be delivered promptly to Owner. Consultant shall have the right to retain copies of the Documents for its files. Consultant shall maintain files of all Documents unless Owner shall consent in writing to the destruction of the Documents. Consultant shall make, and shall cause all of its subcontractors to make, the Documents available for Owner's review, inspection and audit during the entire term of this Contract and for three years after termination of this Contract; provided, however, that prior to the disposal or destruction of the Documents by Consultant or any of its subcontractors following said three year period, Consultant shall give notice to Owner of any Documents to be disposed of or destroyed and the intended date, which shall be at least 90 days after the effective date of such notice of disposal or destruction. Owner shall have 90 days after receipt of any such notice to give notice to Consultant or any of its subcontractors not to dispose of or destroy said Documents and to require Consultant or any of its subcontractors to deliver same to Owner, at Owner's expense.

7.13 Time

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.14 Severability

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

7.15 Entire Agreement

This Contract sets forth the entire agreement of Owner and Consultant with respect to the accomplishment of the Services and the payment of the Contract Price therefor, and there are no other understandings or agreements, oral or written, between Owner and Consultant with respect to the Services and the compensation therefor.

7.16 Amendments

No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Consultant.

IN WITNESS WHEREOF, Owner and Consultant have caused this Contract to be executed in two original counterparts as of the day and year first written above.

(SEAL)

Attest/Witness:

VILLAGE OF NORTHBROOK:

By: _____
Derek Gau
Title: Village Clerk

By: _____
Cara L. Pavlicek
Title: Village Manager

Attest/Witness:

CLARK DIETZ, INC.

By: Diane L. Thoune
Diane L. Thoune, PE
Title: ~~Secretary~~ Project Manager

By: Emily K. Basalla
Emily K. Basalla, PE, CFM
Title: ~~President~~ Senior Vice President

ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. Project Background:

The Village of Northbrook ("***Village***") is requesting proposals for professional design engineering consultant services ("***Consultant Services***") for a stormwater and roadway improvement project on Koepke Road during Fiscal Year 2027-2028 ("***Project***"). Services must at least include pre-final & final design, construction cost estimates, land surveying, hydrologic & hydraulic (H & H) analysis, easement research, procurement of required permits, assisting with the competitive contractor bidding process, and assisting with plan interpretation during construction. Initially constructed in the 1980s, Koepke Road is an unimproved street and often experiences significant ponding during major storms. Given its deficient storm sewer system, Koepke requires new infrastructure to prevent structure flooding in adjacent properties. Also, some residents are seeking curb and gutter through the Special Service Area (SSA) procedure. If the necessary petitions succeed, then the Village will include street improvement as a component of the presently budgeted roadway resurfacing project.

2. Approvals and Authorizations:

Consultant shall obtain any required approvals and authorizations listed in the Scope of Services in Attachment B.

3. Commencement Date:

The date of execution of the Contract by Owner.

4. Completion Date:

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

5. Insurance Coverages:

A. Worker's Compensation and Employer's Liability with limits not less than:

(1) Worker's Compensation: Statutory;

(2) Employer's Liability:
$1,000,000 injury-per occurrence

$500,000 disease-per employee

$1,000,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than $1,000,000 for vehicles owned, non-owned, or rented.

All employees shall be included as insureds.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

General Aggregate: $2,000,000 Bodily Injury and Property Damage Combined Single Limit for this Project.

Coverages shall include:

- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)

D. Professional Liability Insurance. With a limit of liability of not less than $1,000,000 per occurrence and $2,000,000 in the aggregate and covering Consultant against all sums that Consultant may be obligated to pay on account of any liability arising out of the Contract.

E. Umbrella Policy. The required coverages may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

F. Owner as Additional Insured. Owner shall be named as an Additional Insured and a Cancellation Notice recipient on all policies except for:

Worker's Compensation
Professional Liability

Each such additional Insured endorsement shall identify Owner as follows: The Village of Northbrook, including its Board members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives.

G. Other Parties as Additional Insureds. In addition to Owner, the following parties shall be named as additional insured on the following policies:

None Anticipated

All additional public or private property owners as needed on all policies with the exception of Worker's Compensation and Professional Liability.

6. Contract Price:

SCHEDULE OF PRICES

For providing, performing, and completing each task of Services, an amount equal to Consultant's Direct Labor Costs, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each task of Services, the following not to exceed amount set forth opposite each such task except as adjusted by Change Order issued pursuant to Section 2.1 of the Contract:

TOTAL NOT TO EXCEED CONTRACT PRICE:

One Hundred Eighty Seven Thousand Four Hundred and Ninety Five Dollars and Zero Cents
(in writing) (in writing)

$187,495 Dollars and 0 Cents
(in figures) (in figures)

7. Payments:

For purposes of payments to Consultant, the value of the Services shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel as set forth on the list supplied by Consultant attached hereto and referenced as Attachment A1, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

Reimbursable Expenses shall mean the actual expenses incurred by Consultant directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

ATTACHMENT B

SCOPE OF SERVICES

Consultant shall cooperate and work closely with representatives of Owner and other parties involved in the Project. Consultant shall meet with Owner and such other parties, and shall provide such consultation, advice, and reports, as required to adequately perform its responsibilities under the Contract. Consultant shall produce and deliver to Owner the results of its Services, plus any reports, documents, data, information, observations, or opinions set forth below or requested by Owner, in form or format as set forth below or, if none, in form or format of Owner's choosing.

After written authorization to proceed, Consultant shall provide, perform and complete the following:

Scope of Services/Tasks:

PHASE A – Preliminary Engineering

SUBMITTAL 1 – (60% COMPLETE)

- Submit 60% plans to the Village of Northbrook Staff.
- Prepare agenda for and participate in bi-weekly telephone conference call with Village Staff. Develop and maintain an updated project schedule and a "to do" list of key project tasks and outstanding items.
- Conduct a complete and detailed topographical survey (including all underground & above utilities, structures, ground contours at 1-foot intervals, critical ground spot elevations, trees, fences, mature landscaping, bushes, property lines, etc.) of each Component Project work site and extending a minimum 100-feet (or longer as necessary) beyond the limits of the proposed work. This will include obtaining the required permission from private property owners to complete the survey work on their respective properties.
    - Topographic survey should extend 10 feet beyond the apparent public right of way.
    - All trees within 15 feet of the right of way line should be shown and size labeled
    - All existing storm sewer inlets/manholes/catch basins should be labeled with their internal diameter, material type, and structural condition (poor, fair, good). This information to be shown along with rim and invert callouts on the plan sheets.
    - All inverts shall be field measured.
    - Right of way should be shown within 1 foot accuracy except for locations where easements are needed where accuracy shall meet standards required for a plat of survey.
- Coordinate with the Village's GIS Consortium contact to obtain all available aerial contour mapping and utility data for each Component Project work site and immediate surrounding area. This includes the 2009 Cook County Lidar data that Northbrook GIS staff has converted to Lidar (.las) files to represent a 1-ft contour surface. This data is only intended to supplement and not replace the detailed field topographical survey. The selected consultant will need to execute a data sharing agreement with the Village to obtain said data.

- Coordinate utilities (Nicor, ComEd, AT&T, Comcast, etc.) and resolve all conflicts. This will include a design stage J.U.L.I.E. and utility map request from all utility owners located within and adjacent to each Component Project site to ensure all possible conflicts are accounted for.
- Review all pertinent excerpts and information for the conceptual project from the Village's MSMP and CIP.
- Prepare Hydrologic/Hydraulic project report for each component project.
    - Write narrative explaining design methodology and assumptions.
    - Show flooding extents per existing conditions modeling. Confirm modeling with available documented flooding areas per photos/investigation (show on aerial w/flooding limits mapped).
    - Include at least 2 proposed improvement options to meet concept plan level of service.
        - Show proposed flooding limits based on implementation of improvements.
        - Develop engineer's estimate of construction cost for each option.
    - Discuss Green Infrastructure possibilities and include estimated costs.
    - Provide Village with all project hydrologic and hydraulic modeling data files.
- Include all Village provided archived project "as-constructed" information in the design documents.
- Set up and attend kickoff or review meetings with permitting agencies. Preparation for and attendance at regulatory or permitting agencies meetings shall be done as needed.
- Identify and initially submit all required and applicable permits, including, but not limited to IDOT, IEPA, IEPA-NPDES, NCCSWCD, CCFPD, IDNR-OWR, MWRD, IHPA, Wetland delineation and initial submittal to the USACE for the necessary Permits or Letters of No Objection, etc.
- Provide the Village with expected permitting fees, license agreements or other required documents required from all involved permitting agencies.
- Submit a preliminary Engineer's Opinion of Probable Construction Cost.
- Identify any required temporary and/or permanent easement(s). Scope, man-hours, and cost for preparation of the easements will be negotiated with the selected consultant once the need for the easements has been determined. This work would be paid for separately via a change order.
- Identify impacts to existing trees. Coordinate with CCFPD and Village Forrester to minimize/mitigate impacts to trees.
- Submit Engineering Drawings (Existing & Proposed Conditions Plan, Utility & Profiles), Cross Sections, and Typical Sections to be reviewed/approved by Village Staff. Specifications, Quantities, and Standard Details are not required for Submittal 1. two (2) hard copies of each to be provided, all drawings will be full-sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
- Conduct evaluation to determine if any stormwater Best Management Practices (BMPs), including green infrastructure improvements, can be incorporated.
- Conduct analysis to determine if any grants are available and the preparation and submittal of all grant funding application(s).
- Administer Initial Project Informational Meeting with Impacted Property Owners and other Stakeholders.
- Conduct Value Engineering of each proposed Component project concept plan to determine if any cost savings measures are available. A meeting shall be scheduled by the consultant for this step.

SUBMITTAL 2 – (70% COMPLETE)

All applicable sections of Submittal 1 shall be included in Submittal 2.

- Submit 70% plans marked "Pre-Final" to all utility companies that previously indicated potential impacts. This submittal will include corrections to the plans from comments made for Submittal 1. Include cover letter with project schedule and required documents.
- Submit Engineering Drawings (Exist. & Proposed Conditions Plan, Utility & Profiles), Typical Sections, and Cross Sections. Specifications, Quantities, and Standard Details are not required for Submittal 2. One (1) hard copy to be provided to the Village (all drawings will be full-sized (24"x36")). One electronic copy (pdf format) of each will also be provided. Consultant to provide Plans to each Utility company as required by the Utility.
- Prepare the necessary Easement Exhibit Documents.
    - Perform title search to confirm ownership interests
    - Develop legal descriptions of easement and property
    - Develop easement exhibits with location and type of easements anticipated

SUBMITTAL 3 – (98% COMPLETE)

- Submit 98% plans to Village of Northbrook Staff. This submittal will include modifications from the Utility Companies made in Submittal 2.
- Include a Utility Matrix showing the conflicts identified with each Utility and the resolution.
- Include detailed drainage calculations for inlet capacities, main line and lateral pipe conveyance, etc. to determine final storm sewer size(s) and drainage structure number(s) and location(s).
- Procure all other required and applicable Permits, including, but not limited to the IDOT, MWRDGC, IEPA-NPDES, NCCSWCD, IDNR-OWR, USACOE, etc.
- Incorporate any identified stormwater BMPs and green infrastructure improvements.
- Obtain Village Tree Removal & Preservation Permits. Provide a summary of trees to be removed with replacement trees identified and included in the plans
- Provide copy of consultant's internal quality assurance (QA) review notes/responses. QA documentation should at a minimum include
    - Checked quantity calculations
    - Checked cost estimate/unit pricing review
    - Notes from designer's field visit to field check of 98% plans
    - Construction feasibility review
- Submit 98% Engineering Drawing Set (including, but not limited to Title Sheet, Summary of Quantities, Traffic Control & Protection, Grading Plans, SWPP, Utility Plans, Utility Crossing Data at all major locations, Sewer Profiles, Cross-Sections, Tree Removal & Preservation Plan, Restoration/Landscape Plan, Tree Plantings, Details, General Notes, etc.) and Final Construction Estimate.
    - Two (2) hard copies of each to be provided to Village staff for final review, all drawings will be full-sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
- Include all Project Specifications, Standard Details, and Special Provisions.
    - Two (2) hard copies of each to be provided to Village staff for final review. One electronic copy (pdf format) of each will also be provided.
- Assist in facilitating the Special Service Area procedure.
    - Administer Project Informational Meetings with impacted residents.
    - Communicate with residents about costs and provide updates as required.

PHASE B – FINAL ENGINEERING/BID PACKAGE:

- Lead Project Open House meeting. Project staff to be present to answer questions from the public. Prepare exhibits showing the improvements on aerial imagery among other exhibits.
- Submit Final Engineering Drawing Set (including everything from Submittal 3).]
    - Two (2) hard copies of each shall be provided to the Village. All drawings will be full-sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
- Submit Final Project Specifications, Standard Details and Special Provisions (including everything from Submittal 3).
    - Two (2) hard copies of each to be provided to Village staff. Electronic copy (word and pdf format) of each will also be provided.
    - Provide Final Engineering Drawing Sets and Project Specifications, Standard Details, Special Provisions to each Utility company as required by the Utility.
- Finalize and/or follow-up on any grants applied for and to ensure project(s) eligibility is maintained.
- Provide Village with a CD containing all project CAD drawings (.dwg format) in AutoCAD Civil3D.
- Issue Hydrologic/Hydraulic Report addendum memo upon completion of final design that identifies design changes that arose during final design process.

PHASE C – COMPETITIVE BIDDING PROCESS & CONSTRUCTION PLAN INTERPRETATION

- Assist Village in Competitive Bidding Process with Area Contractors by:
    - Answering technical questions from contractors during bidding process.
    - Issuing any Addendums, if necessary.
    - Reviewing first and second low bidder references, similar work history and availability.
    - Provide summary of quantity sheet listing each contractor's submitted price per pay item for verification of low bidder (Bid Tab).
- Provide plan interpretation assistance during construction of the project. Note that a future RFP will be issued for construction observation services. The Village believes approximately 40 hours of the project designer's time will be required for this work item.

ATTACHMENT B-1

SCOPE OF SERVICES CONT.

CLARK DIETZ, INC.

SELECTED CONSULTANT PROPOSAL

PROPOSAL

ENGINEERING DESIGN SERVICES

Koepke Road Storm Sewer and Roadway Improvements

VILLAGE OF NORTHBROOK, IL

January 14, 2026

Clark Dietz

Engineering Quality of Life®

Clark Dietz
Engineering Quality of Life™

January 14, 2026

Jake O'Donnell
Civil Engineering Permit Coordinator
655 Huehl Road
Northbrook, Illinois 60062

RE: Request for Proposal
Engineering Design Services for Koepke Road Storm Sewer and Roadway Improvements

Dear Mr. O'Donnell:

The Village of Northbrook's planned improvements along Koepke Road, Miller Road, and Keystone Road present an important opportunity to strengthen stormwater resiliency, enhance roadway condition, and implement a special service area to construct curb (along Koepke Road). Clark Dietz, Inc. is pleased to submit our proposal for design engineering services to support this effort and help the Village prepare for construction in 2027.

To deliver this project efficiently, we have structured two specialized groups: a Stormwater Delivery Team and a Roadway Delivery Team, supported by our in-house Survey Team. Under the leadership of myself as the Project Manager, these groups will coordinate closely to manage the drainage, MFT, and Special Service Area components of the project. This organization provides clear accountability, while also promoting collaboration across disciplines, so the Village receives one cohesive design effort.

Clark Dietz brings decades of experience with storm sewer, roadway, and special service area funded projects for Illinois municipalities, including those involving IDOT coordination, utility conflicts, and MFT-funded improvements. Our proven track record includes minimizing utility impacts, preparing accurate bid documents, and delivering projects that move smoothly into construction. We also bring the staffing depth needed to meet deadlines without compromise—our dedicated personnel are available and ready to advance this work immediately upon award.

Our team is experienced with a range of special service area projects and understand the complex and nuanced approaches necessary. We understand the challenges inherent to SSAs – providing project scope and technical information to a non-technical audience, establishing expectations and having a catalogue of supporting documentation available through a dedicated web page, and providing a realistic schedule and estimate that will allow for a decision in time for bidding.

We will approach this project as a true partner, working alongside Village officials and staff from planning through bidding. Our project management emphasizes efficiency by aligning with client preferences, leveraging technology, and keeping goals and timelines in focus. With creativity and expertise, we deliver practical solutions to complex challenges. Above all, we value your trust and are committed to providing knowledgeable, dependable service.

We are excited about the opportunity to partner with the Village of Northbrook on this important project. Thank you for considering Clark Dietz for the Koepke Road Stormwater and Roadway Improvement Project. Please feel free to contact me with any questions. We look forward to the possibility of working together.

Sincerely,

Clark Dietz, Inc.

Benjamin Metzler, PE, Project Manager
benjamin.metzler@clarkdietz.com, 847.525.9006

Emily Basalla, PE, CFM, Regional Director
emily.basalla@clarkdietz.com, 847.477.5809

Clark Dietz

AN ENR 500 TOP DESIGN FIRM

ABOUT US

Clark Dietz, Inc. is a multi-disciplined consulting engineering firm operating from offices in Illinois, Indiana, Kentucky, Michigan, and Wisconsin. Our primary areas of service include civil and environmental infrastructure, transportation, structural, mechanical, and electrical engineering.

OUR PHILOSOPHY

As experienced consultants, we serve as trusted advisors to our clients. As partners, we become fully vested in achieving their goals. We believe in serving our clients to our utmost capacity, period. We operate with integrity, foster collaboration, and expect excellence in all we do. For more than 70 years we have built a reputation for the integrity of our work, our actions, and our results. With an unwavering commitment to our clients, we stand behind everything we do.

BELONGING & OPPORTUNITY

At Clark Dietz, we believe that the strength of our firm lies in the diverse perspectives, experiences, and talents of our people. As an employee-owned company, we succeed together by cultivating a workplace where every individual feels valued, empowered, and motivated to contribute their best.

We are committed to creating an environment where team members can show up authentically and thrive—personally and professionally. Our focus is on fostering engagement, belonging, and collaboration, ensuring that everyone has a fair opportunity to grow and contribute to our shared success.

Through partnerships with universities across the Midwest, we are also investing in the next generation of engineering talent by offering scholarships and experiential learning opportunities to students with strong potential and drive. We believe that when people belong, they excel—and when they excel, we all benefit.

SUSTAINABILITY

Nature's most precious assets need our protection and we take this responsibility seriously. Our specialists in environmental science, green infrastructure, and our LEED Accredited professionals thoroughly assess the impact a design may have on energy consumption, waterways, habitat, vegetation, and water quality. At Clark Dietz, we are fully committed to optimizing the benefits of sustainability in every solution we design.

OUR HISTORY

Our roots go back to the 1940's to three University of Illinois Engineering professors; James Clark, Eugene Daily, and Jess Dietz. These three formalized their association by incorporating in 1953. By the late 1970s Clark Dietz was a recognized leader among Midwest-based civil engineering companies serving clients from seven regional offices. The original owners sold the firm and it was ultimately owned by CRS Sirrine, one of the nation's largest engineering and architectural firms. Through an employee buy-out of the Champaign office and the name, Clark Dietz again became a privately held corporation in 1987. Employee ownership has been a key factor in the success of the firm, with approximately 30 percent of current employees now owning stock in the company and all employees participating through an ESOP. Today Clark Dietz employs more than 200 professionals in 13 offices.

OUR SERVICES

Infrastructure goes beyond the functional. It is the foundation that connects people, revitalizes communities, spurs economic growth, and protects the environment.

It is what we do, who we are, and why we serve.

- MUNICIPAL
- WATER, WASTEWATER, STORMWATER
- TRANSPORTATION
- TRAFFIC
- ELECTRICAL
- MECHANICAL
- STRUCTURAL
- CONSTRUCTION

OUR LOCATIONS

CHAMPAIGN, IL
125 W. Church Street
Champaign, IL 61820
217.373.8900

CHICAGO, IL
118 S. Clinton Street, Suite 700
Chicago, IL 60661
312.648.9900

OAKBROOK TERRACE, IL
1815 S. Meyers Road, Suite 470
Oakbrook Terrace, IL 60181
630.413.4130

EVANSVILLE, IN
21 SE 3rd Street, Suite 705
Evansville, IN 47708
812.471.4802

INDIANAPOLIS, IN
8900 Keystone Crossing, Suite 475
Indianapolis, IN 46240
317.844.8900

NEW ALBANY, IN
120 West Spring Street, Suite 400
New Albany, IN 47150
812.725.8595

LEXINGTON, KY
1040 Monarch Street. Suite 200
Lexington, KY 40513
859.286.1140

LOUISVILLE, KY
312 S. Fourth Street, Suite 700
Louisville, KY 40202
502.650.8949

LANSING, MI
6709 Centurion Drive, Suite 300
Lansing, MI 48917
517.908.0877

FARMINGTON HILLS, MI
33533 W. Twelve Mile Road, Suite 250
Farmington Hills, MI 48331
517.908.0877

KENOSHA, WI
625 57th Street, 6th Floor
Kenosha, WI 53140
262.657.1550

MILWAUKEE, WI
759 N. Milwaukee Street, Suite 624
Milwaukee, WI 53202
414.727.4990

WAUSAU, WI
500 N. 3rd Street, Suite 703
Wausau, WI 54403
715.845.1333

35 ENGINEERING AWARDS
Since 2021

PROJECT BACKGROUND AND OBJECTIVES

Koepke Road, Miller Road, and Keystone Roads are important neighborhood corridors within the Village of Northbrook. Drainage challenges along Koepke Road along with a desire for a more modern cross section from residents along the corridor have resulted in the Village identifying and planning for drainage and roadway improvements. An aging roadway infrastructure along Miller Road and Keystone Roads will be remedied with this project as well.

The Koepke Road corridor has a documented history of stormwater and drainage performance issues. During heavier rainfall events, portions of the roadway and several adjacent properties experience nuisance and/or structure flooding. These drainage challenges not only affect residents and roadway users, but also accelerate pavement deterioration and increase long-term maintenance costs.

The roadway pavement exhibits signs of ongoing deterioration, including alligator cracking, transverse cracking, block cracking, and several other modes of failure. A review of the existing conditions and pavement cores (to be obtained as part of our scope) will be utilized to select the most appropriate rehabilitation method. Implementation of improvements along these corridors presents an opportunity to consider how the roadway can better serve all users, including pedestrians and bicyclists, and how it can function as part of the Village's broader multimodal network.

Additionally, residents along Koepke Road want curb and gutter and are willing to pay for the improvements via a special service area mechanism. The hybrid ditch and storm sewer drainage system along Koepke is indicative of a not-uncommon disdain for ditches, despite their functionality and simplicity. ***Navigating the special service area establishment, public hearing and comment, and objection process will require an experienced and nuanced strategy.***

We will work to satisfy and implement the Village's objectives for this project:

- Minimize the frequency and duration of drainage and flooding issues with our drainage design.
- Rehabilitate the roadways in a manner that provides long-term structural performance and a smooth, reliable driving surface.
- Evaluate need and opportunities for bicycle and pedestrian accommodations along the corridors.
- Coordinate roadway, pedestrian, and stormwater improvements into a single, efficient project and deliver these improvements in a cost-effective manner that aligns with IDOT MFT requirements, Village standards, and long-term maintenance priorities.

Equally important, the Village seeks a solution that can be implemented with sensitivity to the surrounding neighborhood, minimizing construction impacts, maintaining access to homes and properties, and clearly communicating the purpose and benefits of the improvements to residents.

This project represents an opportunity not only to fix existing problems, but to make a lasting investment in the reliability, safety, and quality of life of the residents along Koepke Road, Miller Road, and Keystone Road corridors and the surrounding community.

Figure 1: Miller Road, looking south

Figure 2: Keystone Road, looking west

PROJECT LOCATION

PROJECT LOCATION AND LIMITS

The project area of Koepke, Keystone, and Miller Roads is approximately one mile of roadway. These primarily local residential roadways provide access for residents along the corridor and access to adjacent multifamily housing, schools, transit and parks.

The Northbrook Sports Center is located south of the project area and is a recreational hub for residents. The Village identified Koepke Road, Miller Road, and the western portion of Keystone Road are identified as bikeways, and Koepke Road directly connects to the robust trail network within the sports center.

Keystone Road is the only segment with any appreciable amount of curb. The majority of roadways are a rural cross section with intermittent local storm sewer, presumably constructed by residents to avoid the (subjective) hassle of a ditch along their frontage. These hybrid rural cross sections often result in more stormwater closer to the pavement section than a traditional ditch, impacting pavement life and resulting in more frequent rutting of the parkway due to soggier soils along the edge of pavement. The existing pavement has reached the end of its service life, exhibiting significant surface distress including cracking, rutting, and localized failures.

PROJECT APPROACH

DESIGN PHILOSOPHY

Clark Dietz works with dozens of municipalities and utility agencies, designing new and replacement water distribution systems and roadways throughout the Midwest. We pride ourselves on our professionalism, expertise, efficiency, and flexibility related to meeting the goals and timelines of each municipality individually. As a result, we manage the annual water main replacement programs in more than half a dozen communities throughout three of our states. Additionally, we are responsible for the rehabilitation of miles of roadway annually, both in conjunction with utility replacement projects and as independent local road reconstructions. These principles are always at the forefront of our approach when delivering a successful project and are the pillars we will use for the Village of Northbrook's requested tasks and responsibilities.

DECADES OF MUNICIPAL ENGINEERING EXPERIENCE DELIVERING COMMUNITY VALUE

1. The Clark Dietz team is committed to the review and understanding of the Walters Avenue project identified. Our decades-long experience in municipal engineering brings an understanding to the challenges that can plague a Village. ***Clark Dietz understands the impact a poorly planned infrastructure project can have on Village resources.*** In addition to providing exceptional technical design, it is our focus to help reduce the amount of allocated Village staff necessary to address complaints and questions. We do this by anticipating the concerns of the general public, providing early and thorough communication to residents, and working closely with the Village to plan for the unexpected.
2. ***Clark Dietz approaches every project as a collaboration.*** We tailor project plans to meet the needs, desires, and previous experiences of the municipality. Designing miles of roadway and corresponding utilities annually, we understand the individuality of not only each project, but each community's expectations when it comes to design, bidding, and construction. There is no one-size-fits-all approach, and we expect to seamlessly match or improve the level of service provided in the past for the Village of Northbrook.
3. Planning is imperative for any project, especially one which impacts so many of the Village's residents. ***Although this project is engineering design, Clark Dietz believes that planning for construction during the design phase is critical to making any infrastructure project a success.*** In the most basic sense, utility replacement is not just a design exercise of lines on paper, but rather a consideration of real-life impacts.

Our proposed team has designed over 10 miles of MFT and local road projects in the past 4 years.

Mid-project coordination is critical for projects of this size. Clark Dietz encourages early collaboration with the operations staff of the Village during design. This would include the water main operators as well as the street maintenance staff to discuss challenges, preferences, and real-life obstacles experienced by Northbrook employees. Meeting prior to 75% deliverables will assist our design team in addressing valve placement challenges and local drainage problems that may not be evident by topographic survey alone. Having these discussions prior to final plans will help to avoid re-design and ensure a more complete product going into construction.

Roadway design can be complex. Clark Dietz understands that a potential rehabilitation project can have substantial costs as well as extensive resident impacts. There are many options related to roadway rehabilitation, each with an associated cost and varying lifespan. As municipal engineers by nature, we understand that a one-size-fits-all approach is not applicable when it comes to your community. Therefore, careful understanding and attention to detail is necessary and expected when it comes to our roadway design. We will always approach each challenge with sound engineering judgment and recommendation; however, the ultimate implemented design will be a collaborative effort with the Village of Northbrook.

PROJECT APPROACH

4. Our team has extensive experience and familiarity with IDOT District 1 processes and staff. These relationships have been cultivated over years of project work, both for the State directly and on local led projects. Clark Dietz has designed and constructed a multitude of projects using multiple different funding sources - MFT, STP, DCEO, SRTS, SS4A, RAISE/TIGER, EDP, RCN, and more. We are sensitive to the rigidity of the IDOT process and the steps necessary to accomplish the goals for the roadway. Our detailed approach along Walters Avenue below indicates our attention to detail, while keeping the overall goals of the Village's budget and product in mind.

WANT TO LEARN MORE ABOUT OUR GRANT AND COMMUNITY ASSISTANCE PROGRAMS? SCAN THE QR CODE!

5. These teams will be unified and directed by an experienced municipal project manager. Municipal engineering is a unique discipline, blending technical expertise with public-facing implementation. ***Our team understands that every decision carries impacts beyond the plans and cannot be made in a vacuum. While it may not be possible to satisfy every resident, we will provide clear background and detailed reasoning for each design choice.*** We also recognize the nuance and challenges Village staff encounter during the implementation phase and will work collaboratively to anticipate issues and support effective solutions.

Clark Dietz represents the City of Northbrook.

1. **We understand your resources are important.**
2. **We approach each project design as an extension of you.**
3. **We are proactive in reducing construction overruns.**
4. **We advocate for you while leveraging our state relationships.**

During design, Clark Dietz will evaluate opportunities to package the roadway, storm sewer, and potential curb along Koepke Road in a way that best serves the Village. We will present options that consider construction sequencing, contract structure, and funding requirements to help minimize the potential for delays or costly changes once work begins.

By analyzing schedule impacts, contractor availability, and bid timing early in the process, we can recommend a strategy—whether a single combined bid or closely aligned contracts—that provides:

- Reduced risk of conflicts between utility and paving work.
- Streamlined construction and fewer disruptions for residents and businesses.
- Flexibility to adapt if funding or schedule conditions change.

This proactive approach allows the Village to make informed decisions before bidding, ensuring a smoother transition from design to construction. Project delays affect everyone—they disrupt residents, stretch staff resources, and put extra pressure on elected officials. We focus on smart planning, clear scheduling, and open communication to help avoid those headaches and keep the project on track.

PROJECT APPROACH

COORDINATION AND COMMUNICATION

PERMITTING, LOCAL, AND AGENCY COORDINATION

Our philosophy is to have consistent regular communication with the Village throughout the project. Understanding the Village's goals, objectives, and new developments is critical to project success. This project has been years in the making, and communication with the Village will be essential for us to assist the Village and provide a final design consistent with their and their residents' vision.

Additionally, there are multiple stakeholders along the project corridor. Communication in the design phase and coordination with utilities while integrating necessary proactive requirements in the bidding documents to address conflicts will be critical.

RESIDENTS

Residents directly impacted by the project need to be aware of the scope, changes (if any), and what to expect during construction. Effective resident communication is essential to the success of any municipal project. Clark Dietz will work closely with the Village to develop a clear, consistent communication strategy that keeps residents informed at every stage of the project. Our team will prepare project notices, provide regular schedule updates, and coordinate messaging to explain goals, anticipated impacts, and key milestones. By delivering timely and transparent information, we will help minimize disruptions, build trust, and help residents stay engaged and supported during the design phase.

UTILITIES

Utilities are often a critical path roadblock. Early coordination to identify conflicts and relocations is critical. North Shore Gas, Com-Ed, AT&T, and fiber optic networks all have facilities along the corridor. There appears to be a communication duct within the pavement based on the structures observed. Due to the wide pavement section, there are multiple locations where utility poles are adjacent to the curb. Bracing and/or relocation may be required during construction, and involving the utilities early the design process will reduce delays during construction.

SPECIAL SERVICE AREA

Clear and consistent communication with the contingency of Special Service Area property owners will be critical to establish trust, limit misinformation, and reduce uncertainty. Developing a go-to source via an ArcGIS storymap or dedicated website where official communications can be found will limit the possibility of conflicting or misinformation. Communication and transparency are essential components of the process.

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRDGC)

We do not anticipate any coordination with MWRDGC given our current understanding of the scope. We will confirm permitting requirements and coordinate with the District should the scope of work necessitate such a permit.

IDOT AND COOK COUNTY DIVISION OF TRANSPORTATION

Clear and regular communication with IDOT and CCDOT will be critical in the design phase. Proactively vetting potential issues or hurdles early in the process will reduce the potential for delays in the future. IDOT will have review authority for the roadway improvements, and if any non-standard measures are proposed, early coordination will be necessary. Additionally, impacts to IDOT or CCDOT ROW can result in drawn out reviews and processes. Identifying and proactively accounting these impacts during design will be critical.

PROJECT APPROACH

DESIGN APPROACH AND PHILOSOPHY

STORMWATER IMPROVEMENTS: COLLABORATIVE, NEIGHBORHOOD-FOCUSED APPROACH

The Village of Northbrook's efforts to improve stormwater drainage along Koepke Road are an investment in neighborhood reliability, roadway safety, and long-term community resilience. Our team approaches this project as a partnership with Village staff, focused on listening first, understanding the flooding experienced and root causes of the drainage concerns, and developing practical, cost effective, and implementable solutions that deliver meaningful results for residents.

Throughout the process we will work closely with Village staff to review available background information, past studies, flooding reports, and maintenance history. This will be supplemented with field survey and observations by the design engineers to better understand site conditions and how the corridor reacts to storm events.

Our team will focus on the existing storm sewer system, surface drainage patterns, overland flow routes, and downstream constraints to ensure we fully understand how the system functions as a whole—not just how it looks at a 1:20 scale. We trust the results and recommendations within the Village's stormwater master plan and will perform an independent verification and review of site conditions.

THOUGHTFUL, TRANSPARENT STORMWATER ANALYSIS

A detailed hydrologic and hydraulic evaluation of the Koepke Road drainage system and contributing watershed will be performed to clearly define existing system performance and identify the true sources of flooding and capacity limitations. This analysis will be used as a decision-making tool—both for our design team and for Village staff—so that proposed improvements are based on measurable performance, not assumptions.

Our modeling will evaluate the sensitivity of the system to a range of storm events and will be used to clearly demonstrate how proposed improvements reduce flooding risk and improve overall system reliability.

Our deliverables will include easy to understand exhibits with inundation mapping and concise recommendations.

Figure 3: Ditched Portion of Koepke Road

PROJECT APPROACH

DESIGN APPROACH AND PHILOSOPHY

DEVELOPING PRACTICAL SOLUTIONS

Rather than defaulting to a single approach, we will develop and evaluate a range of improvement concepts that may include storm sewer upsizing, system reconfiguration, alternate conveyance routes, improved inlet placement, and/or selective use of storage where feasible. These will be provided for the Village's consideration.

Each alternative will be evaluated not only for hydraulic performance, but also for:

- Constructability and phasing
- Impacts to existing trees, vegetation, utilities, and at-grade features
- Cost-effectiveness based on the level of protection
- Long-term maintenance and operational considerations

Koepke Road is a combination of ditch and local storm sewer. The final design should account for shedding stormwater from the roadway to the parkway locations, contrary to the current configuration. Preparing a design that meets technical standards and the subjective aesthetic requirements of residents along the corridor will be one of our goals.

Our goal is to arrive at a solution that achieves the Village's performance objectives while fitting the physical restrictions and community context of the corridor.

CLEAR COMMUNICATION AND COLLABORATIVE DECISION-MAKING

We believe the best projects result from transparent communication and shared understanding. Throughout the study and design process, we will clearly present findings, alternatives, and recommendations in a way that supports informed, confident decisions by Village staff and leadership.

We will provide clear exhibits, straightforward explanations of benefits and tradeoffs, and realistic opinions of probable construction costs to support this process.

Should the proposed storm sewer work impact an IDOT-owned storm sewer, coordination with the hydraulics division will be necessary. This will be started early in the process to ensure this does not become the critical path.

FINAL DESIGN FOCUSED ON CONSTRUCTABILITY AND LONGEVITY

Once a preferred stormwater improvement approach is selected, we will prepare clear, coordinated, and contractor-friendly construction documents. Our design will emphasize:

- Compatibility with roadway and utility improvements, including opportunities to maximize overlap between the roadway rehabilitation component of the project.
- Efficient construction sequencing
- Minimization of disruption to residents and roadway users

We will also incorporate appropriate erosion control and temporary drainage measures to maintain system performance during construction.

A RESULTS-ORIENTED, COMMUNITY-MINDED OUTCOME

Our objective is to deliver stormwater improvements that meaningfully reduce flooding risk along Koepke Road, improve day-to-day and major storm system reliability, respect the surrounding neighborhoods and residents, and provide lasting value to the Village of Northbrook.

Figure 4: Koepke Road, looking west. Parkway drains to road with pavement failures

PROJECT APPROACH

DESIGN APPROACH AND PHILOSOPHY

ROADWAY RESURFACING AND REHABILITATION: STANDARDS-BASED, MULTIMODAL, PERFORMANCE-FOCUSED APPROACH

The Koepke Road, Miller Road, and Keystone Road corridors support vehicle, bicycle and pedestrian traffic. Rehabilitation of these roadways is a significant investment in infrastructure performance, safe non-motorized transportation, and quality of life for residents. Our approach is grounded in close collaboration with Village staff and within the confines of IDOT's Motor Fuel Tax (MFT) process to maintain project eligibility, compliance, and success.

OPTIMIZING REHABILITATION METHOD TO THE CORRIDORS

Roadway rehabilitation is not a one-size-fits-all solution. *We approach each project with a blank slate, evaluating applicability and feasibility several alternative rehabilitation methods including pulverize and overlay, full depth reclamation with cement stabilization, and various depths of mill and overlay.* Our analysis will include evaluation of multiple factors, including:

- Pavement and curb and gutter condition
- Utility structure adjustments
- Impacts of drainage system on pavement condition
- Low the corridor currently functions for pedestrians and bicyclists
- Pavement corings and soil borings (to be obtained as part of this project)
- Expected life cycle,
- Other work to be performed (i.e. curb and gutter, storm sewer improvements).

The aforementioned alternative rehabilitation methods are typically not cost-competitive with a two inch mill and overlay. If a more robust rehabilitation method is necessary due to issues with the existing pavement section, subgrade issues, or other work occurring as part of the project, these options become more feasible. The aforementioned alternative methods can be utilized with MFT funding.

We will work closely with Village staff throughout the project to support the MFT process, including coordination of the design concept, preparation of exhibits and cost estimates, and assistance with IDOT review and approval. *Our team is very familiar with the practical aspects of delivering MFT-funded projects and will develop a design and documentation which are aligned with IDOT expectations.*

Figure 5: Koepke. parkway is higher than the roadway, accelerating pavement failure.

Where the existing pavement structure exhibits widespread distress but can reasonably be reused, we will evaluate a pulverize and overlay approach. This method can provide a cost-effective means of rebuilding the pavement structure while reusing existing materials, but it must be carefully reviewed for impacts to grades, curbs, driveways, drainage features, and the ability to integrate multimodal enhancements.

Where the pavement and underlying materials show significant structural or subgrade-related deficiencies, we will evaluate full-depth reclamation (FDR) with cement stabilization. This approach can provide a very robust, long-lasting pavement structure and is particularly well suited to corridors with poor subgrade soils. Our evaluation will focus on structural benefit, constructability, cost effectiveness over the life of the pavement, and compatibility with the planned stormwater improvements, utility adjustments, and potential curb and bicycle accommodations.

In areas where the pavement structure is generally sound and distress is largely confined to the surface layers, we will also evaluate a mill and overlay strategy. This approach can be an efficient and minimally disruptive improvement, but it must be carefully screened to confirm that underlying structural issues will not limit its effectiveness or lead to premature failure or missed opportunities for corridor enhancements.

PEDESTRIAN IMPROVEMENTS

In parallel with the pavement evaluation, we will work with the Village to evaluate whether Koepke Road is a good candidate for bike boulevard or similar low-stress bicycle accommodation treatments. This will include a review of available right-of-way, roadway width, traffic volumes and speeds, intersection conditions, and connectivity to the broader bicycle network. Potential treatments could include pavement markings, signage, traffic calming features, or other context-appropriate measures, evaluated within the constraints of IDOT and Village standards and MFT eligibility.

PROJECT APPROACH

DESIGN APPROACH AND PHILOSOPHY

COMMUNITY FUNDED IMPROVEMENTS

Special Service Areas are one of, if not the most, granular forms of democracy. A problem and proposed solution are identified, evaluated and presented to the benefitted property owners. The impacted owners then decide whether or not to proceed with the work, with the option to reject the establishment of a special service area via an objection process. *The most successful SSAs are a result of neighborhood interest and a perception that the improvements are being requested and not required.*

Our team has led special service areas from petition through construction. Several of the SSA's were defeated during the objection period, but most were implemented due to community desire, clear messaging, and realistic cost estimating and preliminary designs.

Due to the direct impact of the improvements and individual financial responsibility, resident interest and engagement are amplified. We anticipate that this is being driven from an aesthetic standpoint and a general opposition to ditches along the roadway. The communication will need to underscore a need and benefit relative to drainage and best engineering practices - more objective than subjective features.

Figure 6: Looking west on Koepke Road. Lake of ditches and relief results in more water along pavement, accelerating failure. Transition to curb will help drainage.

SCHEDULE

The timing and schedule for the SSA implementation must be carefully considered to minimize uncertainty, reduce interest payments on principle, and meet project deadlines. We anticipate the following timeline and activities:

FEBRUARY - APRIL

- Planning Phase
  - Identify scope(s) of improvements.
  - Refine geographic limits and scope of work. There are multiple strategies – from limiting the scope of improvements to areas with strong support but limited portion of the road length to requiring a uniform solution along the length of the road.
  - Prepare preliminary engineering, cost opinions, and annual tax per benefited property.
  - Determine whether benefited parcels pay based on frontage or per lot.
  - Hold informal meeting(s) to understand concerns, desired scope, and level of support.

APRIL - JUNE

- Legal Formation
  - Special Service Area is established via Village Board action
  - Public hearing is scheduled no less than 60- calendar days from the passage of the enacting ordinance.
  - Legal notice is sent to all property owners within the SSA.

JULY - SEPTEMBER

- Public Hearing and Objection Period
  - Public hearing is held to establish scope of work, costs, timeline, and any other questions.
  - A 60-day period from the adjournment of the public hearing in which the SSA can be defeated if 51% of registered voters and owners of record object to the formation.

OCTOBER

- Final Adoption
  - Village Board may elect to adopt the SSA if not defeated.

A special service area cannot succeed without clear and concise messaging. The direct financial and property value impacts of special service area improvements along with the focused impact along a street or within a neighborhood can lead to challenges in distributing accurate information.

Alternative sections for the roadway will be evaluated during the stormwater analysis to determine feasibility of curb and different roadway profiles. If traditional barrier or mountable curb proves infeasible due to other constraints, a concrete ribbon curb or gutter will be explored.

PROJECT EXPERIENCE

PROJECT 001

SPECIAL SERVICE AREAS 14 AND 15 WM EXT

GREEN OAKS YEARLY ROAD IMPROVEMENT PROGRAM
GREEN OAKS, IL

Denise Kafkis, Village Administrator, 847.362.5363, denise.kafkis@greenoaks.org
Duration: 7/1/2024 - 8/1/2025 | Estimated Construction Cost: $1.5M

The primary tool the Village of Green Oaks utilizes to extend utilities within Village limits is via special service area. Since 2007, the Village has established constructed improvements for four special service areas.

This was a unique project in that in combined public and private improvements – two special service areas (non-contiguous), three village-funded extensions (future special connection fees), and a roadway reconstruction. Developing clear bid documents and project tracking to allow for accurate accounting with several different funding sources.

Clark Dietz provided preliminary, final, and construction engineering for Special Service Areas (SSAs) 14 and 15 in the Village of Green Oaks. The project extended public water service to 29 residential lots along Cranbrook Road and Kenton Lane through approximately 3,550 linear feet of new watermain. In addition to the SSA improvements, the project included 1,575 linear feet of Village-funded water system extensions on Cranbrook Road and Lexington Road to improve overall system reliability, provide redundancy, and accommodate future service connections.

The design phase included detailed utility coordination and topographic surveying to define existing conditions and constraints. Soil borings and pavement coring were obtained to support both watermain design and roadway rehabilitation. Clark Dietz is prepared preliminary and final construction documents, developed quantities and engineer's opinions of probable cost for multiple scenarios, and secured permits from the Illinois Environmental Protection Agency.

Cranbrook Road was substantially rehabilitated using full-depth reclamation with cement stabilization. This process stabilized a marginal base and eliminated the need for costly and expensive undercuts.

Clark Dietz provided construction engineering services, leading resident coordination and public outreach efforts prior to the start of construction and weekly during construction. Our construction team prepared of exhibits and mailings to confirm individual water service locations, lead in public meetings to communicate construction phasing and expectations, assisted residents with issues, and provided weekly updates to manage expectations throughout the project.

A summary of each project component is below:

- Special Service Area 14 – 12 Lots on Cranbrook Road, approximately 1,350 linear feet of watermain
- Special Service Area 15 – 17 lots on Kenton Lane, approximately 2,200 linear feet of watermain
- Village Extension 1 – West end of Cranbrook, approximately 600 linear feet
- Village Extension 2 – East end of Cranbrook, approximately 300 linear feet
- Village Extension 4 – Lexington Road between Kenton Lane and Glenmore Road, approximately 675 linear feet

PROJECT EXPERIENCE

PROJECT 002

"By clearly showing how quickly road conditions were declining, we helped the Village understand the urgency of investment and build community support for the referendum. Once funding was approved, our focus shifted to delivering the program efficiently and making smart, field-driven decisions—like selecting full-base cement stabilization when conditions warranted—to extend pavement life, minimize delays, and deliver a better long-term result for Green Oaks."

- **Ben Metzler, PE**
Clark Dietz, Project Manager

ROAD IMPROVEMENT PROGRAM - VALUE ENGINEERING

GREEN OAKS, IL

Denise Kafkis, Village Administrator, 847.362.5363, denise.kafkis@greenoaks.org | Duration: 2021

Green Oaks passed a referendum in 2018 to fund large scale road improvements. Prior to the referendum, the average road PASER rating was approximately 4 (on a scale of 1 to 10 with 10 being the best condition). The Village, along with Ben Metzler, PE's assistance, evaluated the roads quadrennially and were aware that roads were deteriorating approximately 1 point every four years. When the Village was presenting referenda options to the residents, this data was helpful in illustrating the immediacy of the referenda. Ben assisted the Village in strategizing, planning, and presenting proposed options at public meetings. On the third attempt, the Village successfully implemented the first municipal tax in Village history.

The Village shifted focus to implementation of the plan presented during the referendum process. The Village rehabilitated 10 miles of road in 2019 and three miles of road each subsequent year through 2022. Ben was project manager for every mile of road rehabilitated.

Ben also provided recommendations for rehabilitation. The methods implemented included pulverization and overlay, full depth reclamation with cement stabilization (FDR), and more traditional mill and overlays. Additionally, Ben assisted the Village in implementing MFT funding where appropriate based on rehabilitation method. Ben was also significantly involved in construction administration as well as troubleshooting field issues.

During construction of a 1.8 mile road program, the construction team found sub-surface soil and base conditions that differed from the preconstruction soil borings. Significant areas were identified for undercuts, and the marked quantity exceeded the volume of undercuts included in the contract.

The primary option in this situation was to do nothing – to follow the standard procedure of removing unstable material, replacing it with aggregate, and then paving the roads. After reviewing the cost for the undercuts relative to the footprint being addressed, the construction team devised and evaluated alternate options for larger scale repairs – focusing on base stabilization with cement or continuing with undercuts.

The team and contractor determined that the cost of adding cement to the aggregate base (cement stabilization) would be double that of the undercuts. However, it would stabilize 100% of the road base rather than the15-25% addressed by undercuts.

The solution in this case was unique; it was more costly than adhering to standard practices. However, the substantial benefit gained by selecting cement stabilization made the owner's decision to select a more expensive option more palatable. Stabilization work was completed with minimal delay, and the change benefited the contractor's construction schedule and produced a better final product.

"It's pretty remarkable. Very nice setting...It's very beautiful and accommodates this area very well. It's very peaceful and it's just somewhere to get away."

- Robert Counce
Champaign resident,
excerpted from an article in The News-Gazette, 8/8/2018

COPPER SLOUGH - WATERSHED MASTER PLAN AND DRAINAGE BASIN IMPROVEMENTS

CHAMPAIGN, IL

Alex Nagy, Project Manager, 217.403.4710, Alex.Nagy@champaignil.gov

Duration: 10/4/2004 - 1/22/2021

2021 American Council of Engineering Companies (ACEC) Illinois - Special Achievement Award (for Phase 3)

2021 ASCE Central Illinois Section - Outstanding Civil Engineering Achievement Award (for Phase 3)

2021 ASCE Central Illinois Section - Project of the Year (for Phase 2)

2021 American Council of Engineering Companies (ACEC) Illinois - Special Achievement Award (for Phase 2)

2019 APWA Illinois Chapter - Public Works Project of the Year, Environmental, $5 M but less than $25 M (for Phase 2)

2015 APWA - Environment (Less than $5 Million) (for Phase 1)

In 2007 Clark Dietz completed a study of a 10-square-mile watershed on Champaign's west side, a largely urbanized area with significant growth opportunity within undeveloped portions of the watershed. The project gave the City a tool to identify hydraulic capacity of the Copper Slough channel and trunk storm sewers, and provided a roadmap for managing channel improvements and stormwater management for future development, and to enhance surface water quality. The project included a complete streambank assessment, used to prioritize channel improvements, and included hydrologic and hydraulic analysis of the entire watershed. The analysis focused on the open channel and trunk storm sewers with direct discharges to the channel.

In 2015, Champaign again retained Clark Dietz to study the West Washington Street drainage basin, situated within the Copper Slough Watershed, with a goal of identifying solutions to alleviate localized flooding. The study resulted in a three-phase plan for improvements consisting of a combination of storm sewer improvements, stormwater retention basins, and pavement restoration to improve the flood protection level in the watershed from a 1-year level to a 40-year level. The primary feature of Phase 1 was an 11-acre-feet detention basin which holds approximately 28% of the 40 acre-feet of storage volume needed to achieve the 40-year flood protection level. Storm sewer improvements along Washington

Street were also done. While the primary goal was to improve flood protection levels, a secondary goal was to create a park-like area around the retention basin to be utilized by the community for recreational purposes.

In 2018 Clark Dietz provided design and construction phase services for Phase 2 of drainage improvements consisting of two new detention basins, new storm sewers and pavement, improved lighting, and development of recreational park amenities in addition to the flood control measures.

In 2021, Clark Dietz completed the construction phase services for their design of Phase 3 of the Washington Street drainage improvements which included PCC pavement over an aggregate base course; concrete curbs and gutters; storm sewers and associated drainage structures; water main replacement; PCC sidewalks and driveways; street lighting; sanitary and storm sewer replacements; and sewer lining.

PROJECT EXPERIENCE

PROJECT 004

SILVER SPRING DRIVE DESIGN

GLENDALE, WI
STP FUNDED
Karl Warwick, City Administrator, 414.228.1714,
k.warwick@glendalwi.gov | Duration: 10/1/2023 - present
Construction Cost: $8.5M

Silver Spring Drive is an arterial road with an ADT of over 25,000 vehicles. The City of Glendale, with the assistance of Clark Dietz, obtained **approximately $8M in Community Project and STP funding** to rehabilitate 1.2 miles of road and improve pedestrian and cycling facilities.

The project includes the reconstruction of Silver Spring Drive, from 27TH Street in the west to Milwaukee River to the east. This portion of the road was last reconstructed in 2004 and has deteriorated significantly over the last decade. The roadway is shared between Glendale and the City of Milwaukee and serves as the main route through which residents of Milwaukee and Glendale access the Interstate 43. At the same time, more and more people depend on this stretch of road to get to their jobs through the Interstate system. The project consists of reconstructing the roadway pavement, improving pedestrian safety and motorist safety. As a joint jurisdiction project, both Milwaukee and Glendale will benefit from the project, with WI-04 residents benefiting significantly to support jobs and economic well-being.

Silver Spring Drive is a 4 lane road with parking lanes on both bounds. The City of Glendale's goals for the corridor were traffic calming and bicycle/pedestrian improvements due to excessive speeds. Clark Dietz provided a condensed Phase I design, preparing several corridor, bike lane, and traffic calming options. A public meeting to vet the proposed options was held, and the resident and business feedback was incorporated into the design. There are several innovative and unique features to our design:

- Six raised intersections along the corridor to calm traffic
- Bump outs at intersections and mid-block locations to improve pedestrian accessibility
- Parking protected and median separated bike lanes along the majority of the corridor
- Re-alignment of Green Bay to Silver Spring entrance ramp from a merge to a stop condition to calm traffic
- Replacement of traffic signals at five intersection

Design was completed in 2025. Construction started summer, 2025 and will continue through 2026.

Hedge Park - Preferred improvements
Garden Hills Drainage and Lighting Improvements
Champaign, Illinois

City of CHAMPAIGN

GARDEN HILLS DRAINAGE AND LIGHTING IMPROVEMENTS

CHAMPAIGN, IL

Alex Nagy, Project Manager, 217.403.4710, Alex.Nagy@champaignil.gov | Duration: 10/1/2021 - present

Estimated Construction Cost: $30.0M

Clark Dietz is providing preliminary and final design services for lighting and drainage improvements within this residential neighborhood. Our scope of work includes field survey, data collection, geotechnical survey, drainage and detention basin designs, roadway design, landscape designs, roadway lighting design, traffic signal design, structural designs, cost estimates, technical specifications, bidding services, utility coordination, railroad coordination, public involvement, IDOT coordination, and land acquisition documents.

The lighting improvements include construction of 120 new overhead streetlights with pedestrian globes at all intersections and mid block locations, 27 reused streetlights, conduit, conductors, and junction boxes.

Phase 2 of the project includes a detention basin sized to hold a 40-year storm event plus park-like amenities such as walking paths, lighting, benches, water features, native plantings, basketball courts, playground equipment and a variety of other landscape features. Street reconstruction in this area is a complete street concept with new storm sewer piping, full concrete street reconstruction, sidewalks, and street lighting.

Phase 3 includes installation of large diameter trunk storm sewers and rehabilitation of streets also following a "complete street" concept with storm sewers, sidewalks, and street lighting along with a new storm sewer outlet system.

PROJECT EXPERIENCE

PROJECT 006

SCAN THE QR CODE TO LEARN MORE ABOUT THIS PROJECT!

CLARK DIETZ ADDED VALUE:

- Kenosha trusted in our expertise and in-house multi-disciplinary resources to complete a phased transportation infrastructure engineering project that also included stormwater design and engineering.
- Our holistic 60th Street design included investigation, improvement, and future-proofing to provide stable and supportive infrastructure that will serve residents for decades to come.
- Clark Dietz's commitment to Kenosha included the alleviation of flooding within a community subdivision previously experiencing upstream flooding.
- Our design included flexible implementation options, including minimizing impacts to trees and sidewalks, putting Kenosha in the best position to make a decision that would best serve their constituents.

DESIGN 60TH STREET RECONSTRUCTION & TRAFFIC SIGNAL DESIGN - SEGMENT 3 DESIGN

KENOSHA, WI

Brian Carter, Director of Public Works, 262.653.4156, bcarter@kenosha.org

Duration: 7/4/2016 - 10/13/2023 | Construction Cost: $12.0M

2025 American Council of Engineering Companies (ACEC) Wisconsin - Wisconsin Engineering Excellence Best of State Award

The City of Kenosha retained Clark Dietz to investigate a 1.5-mile arterial roadway corridor of 60th Street. The existing roadway consisted of 8 inches of concrete pavement and that was more than 50 years old and had reached the end of its useful life. The City desired a total reconstruction of the entire roadway width including curb & gutter, driveway approaches, upgraded inlets and inlet leads, as well as corridor lighting replacement and upgrades of two signalized intersections. The initial investigation determined whether bike lanes could be added while still maintaining on-street parking. Additionally, Kenosha's desire was to minimize tree removal in the existing parkways. The 60th Street corridor was phased as 6 design/ construction packages to be built over six-years.

During roadway design, Kenosha asked Clark Dietz to incorporate installation of a large diameter storm sewer to help alleviate upstream flooding in an adjacent subdivision. This required us to investigate alternatives for a new storm sewer system in 4,150 feet of the project limits. Clark Dietz performed cost and impact analysis of five design options to provide Kenosha the flexibility to choose the best option. The options considered the impact to trees, sidewalks, sanitary sewer, and water main. Ultimately, the City chose a hybrid option that minimized tree removal. The downstream end of the system included a 78-inch diameter storm sewer at depths of 30 feet in an extremely utility-packed corridor. Our design called for open-cut methods due to the crowded nature of adjacent utilities. Clark Dietz conferred extensively with contractors as to the feasibility of the project. The large diameter deep sewer continued through the downstream segment of 60th Street for 350 feet and was reduced in size to a 42-inch diameter pipe for the remaining 3,800 feet beyond a split in the sewer system. Project elements included:

- **Preliminary Investigation** – Coordination of sanitary sewer televising to determine the location of sewer laterals to design new storm sewer depth, minimizing laterals and service interruptions throughout the corridor.
- **Roadway Design** – Design of two typical sections; one without on-street parking and one with on-street parking to evaluate feasibility of bike lane inclusion.
- **Storm Sewer** – Analysis of roadway drainage and inlet spacing in coordination with Kenosha, the City's stormwater modeling consultant, Kenosha Water Utility as well all other utility stake holders for the addition of the new storm sewer system.
- **Traffic** – Corridor vehicle counts and turning movement at signalized intersections to determine lane configuration and signal timing. Design of emergency vehicle pre-emption, infrared vehicle detection systems, and fiber optic interconnection.
- **Lighting System** – Complete lighting layout, photometrics, voltage drop analysis and fixtures selection.

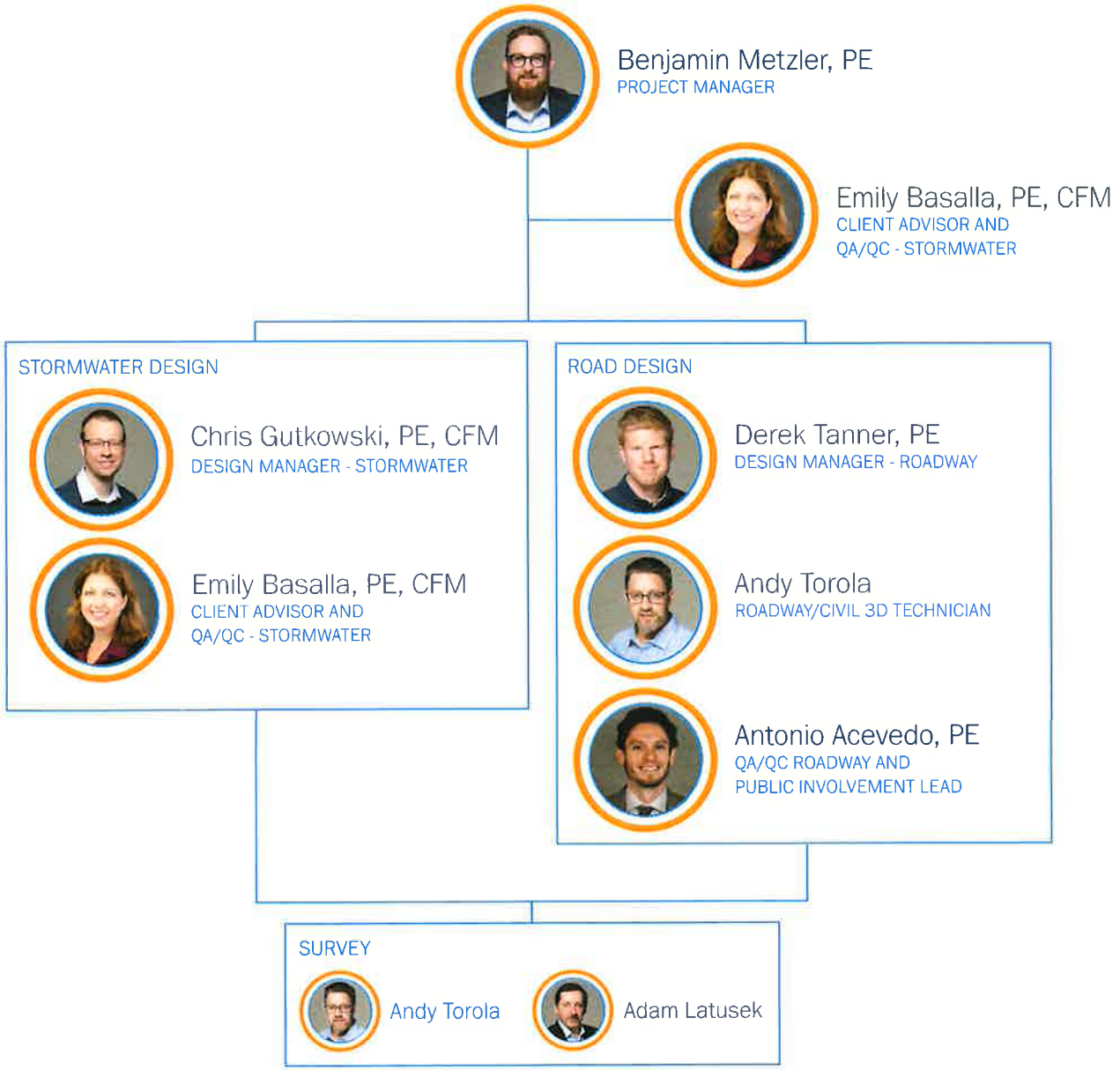
ORGANIZATIONAL CHART

TWO DEDICATED TEAMS FOR EFFICIENT DELIVERY OF THE KOEPKE ROAD STORM SEWER AND ROADWAY IMPROVEMENTS

Clark Dietz has organized the Engineering Design of the Koepke Road Storm Sewer and Roadway Improvements into two specialized groups: a Stormwater Design Team and a Road Design Team. Both will be supported by our Survey Team, providing essential data and field coordination.

This structure combines leadership, technical expertise, and practical experience to carry the project from design through delivery. With decades of civil engineering and infrastructure management experience, our staff has a strong history of working with public and private stakeholders to stay on schedule, minimize conflicts, and deliver lasting solutions.

Benjamin Metzler, as Project Manager, will oversee both teams, ensuring clear lines of responsibility and strong coordination across disciplines. **With dedicated staff assigned throughout the project, we are prepared to meet deadlines and maintain steady progress toward a seamless final product for the Village of Northbrook.**



ORGANIZATIONAL CHART

TEAM OVERVIEW

Ben Metzler, PE, Project Manager, will be the primary contact between Clark Dietz and the Village of Northbrook. Ben will manage the tasks and delegate to the Design Manager. He has extensive knowledge managing successful infrastructure projects and has spent his career as a municipal engineer and serves in a Village/City engineer role in multiple communities.
Clark Dietz Tenure: 4 years; Years with other firms: 15 years

Emily Basalla, PE, CFM, Client Advisor and QA/QC - Stormwater, will be the secondary contact for the Village of Northbrook. Emily has decades of experience as a municipal engineer and is a Senior Vice President at Clark Dietz, managing a team of 35 employees focused in client relations and operational efficiencies. Emily is well-versed at channeling their diverse strengths to achieve the Village's goals.
Clark Dietz Tenure: 22 years

Chris Gutkowski, PE, CFM, Design Manager - Stormwater, is an environmental engineer and design manager with strong expertise in stormwater and hydraulic design. He leads hydrologic and hydraulic modeling efforts using tools such as HEC-HMS, HEC-RAS, SWMM, and StormCAD, supporting master planning, floodplain analysis, and capital improvement programs. His project experience includes open channel and storm sewer design, erosion control, wetland detention, and low-impact stormwater strategies, along with coordination of multidisciplinary teams and technical review throughout design.
Clark Dietz Tenure: 19 years; Years with other firms: 1 year

Derek Tanner, PE, Design Manager – Roadway, Derek is a detail-oriented, thoughtful and experienced designer. He has designed over five miles of water main over the past several years and over 5 miles roadway resurfacing projects in the past several years. Derek excels in Civil 3d plan production for roadway rehabilitation and reconstruction and leads staff engineers and technicians in the plan preparation and design process. Prior to joining Clark Dietz, Derek worked for WisDOT and is familiar with the processes inherent to state-involved projects. He will develop plans to showcase the intent of the project and use his field experience to make this project successful.
Clark Dietz Tenure: 8 years; Years with other firms: 6 years

Andy Torola, Roadway/Civil 3D Technician and Surveyor, is responsible for all drafting and plan sheet preparation in Civil 3D. Andy is an expert in corridor modeling for roadways, pressure pipe networks, and utilizing Civil3D to maximize efficiency.
Clark Dietz Tenure: 31 years; Years with other firms: 4 years

Antonio Acevedo, QA/QC Roadway and Public Involvement Lead, will perform internal QA/QC on plans and specifications and handle coordination with IDOT. Antonio is the Illinois transportation team lead and is based in our Chicago office. He manages Phase I and II projects throughout northeast and central Illinois and is based in Chicago.
Clark Dietz Tenure: 16 years

Adam Latusek, Surveyor, will be the lead surveyor for all project locations. He has a long background in engineering which leads to a more complete topographic survey and ultimately better design.
Clark Dietz Tenure: 11 years; Years with other firms: 1

Our municipal engineering staff offers decades of combined experience delivering water, roadway, and infrastructure projects for communities across the region. *This background gives the Village direct access to professionals who have successfully navigated the same funding programs, permitting requirements, and public coordination efforts your project will face.* By drawing on lessons learned from similar municipal projects, our team can identify potential challenges early, recommend proven solutions, keep design on schedule, and anticipate potential construction issues to be accounted for in the design phase. *The Village benefits from a team that not only understands the technical details but also the day-to-day realities of municipal operations.*

KEY STAFF

Benjamin.Metzler@clarkdietz.com

Benjamin Metzler, PE

PROJECT MANAGER

EXPERIENCE
19 years

EDUCATION
BS, Civil and Environmental Engineering Hydrology, University of Illinois at Urbana Champaign

REGISTRATIONS
Professional Engineer: Illinois and Wisconsin

LOCAL PRESENCE
Ben resides in Lake County, 15 miles from the project site

Ben is a senior municipal engineer with extensive experience guiding communities through infrastructure planning, design, and implementation. His work spans plan reviews, capital project planning, and community outreach, including attending board and commission meetings and documenting conditions during major storm events.

COMPREHENSIVE EXPERTISE

He has designed and managed a wide range of projects, including sewer collection systems, lift stations, water distribution networks, treatment plants, roadway improvements, and storage facilities such as elevated tanks, ground reservoirs, and booster pump stations. His background also includes well drilling and well house upgrades.

Ben is highly familiar with the permitting process, having coordinated with numerous local and state agencies such as IEPA, IDOT, LCSMC, MWRD, IDNR, and ACOE. He regularly navigates funding applications, DOT reviews, and interagency coordination to move projects forward efficiently.

SPECIAL SERVICE AREA SPECIALIST

Ben has extensive experience with Special Service Areas in municipailities in northeast Illinois. He has worked with the Village of Green Oaks for over 20 years and has been involved in six of their special service areas, leading the public engagement, design, and construction process for the past four. Ben understands the nuance, voice, and consideration the special service area process requires. There is a lasting consequential financial impact of the project in addition to an improvement that is often not wanted by all residents. The challenges and process of each special service area are unique, and Ben relishes the opportunity to be a part of one of the simpler and most local forms of democracy.

RELEVANT EXPERIENCE

- Special Service Areas 14 and 15 WM Ext
  Green Oaks Yearly Road Improvement Program, Green Oaks, IL
- Road Improvement Program - Value Engineering, Green Oaks, IL
- Silver Spring Drive Design, Glendale, WI
- ARPA Sidewalk Improvements, Glendale, WI
- 2023 Sidewalk Drainage and Roadway Improvement Project, Green Oaks, IL
- 2025 Water Main Improvements Design, Gurnee, IL
- Triangle Parcel Drainage Study, Green Oaks, IL
- Condition Assessment Report for Water Distribution System, Libertyville, IL
- Tudor Drain Relocation Phase II, Kokomo, IN

KEY STAFF

Emily.Basalla@clarkdietz.com

Emily Basalla, PE, CFM

CLIENT ADVISOR AND QA/QC STORMWATER

EXPERIENCE
22 years

EDUCATION
BS, Civil Engineering, University of Missouri, Columbia

REGISTRATIONS
Professional Engineer: Illinois, Wisconsin, Indiana, Michigan

ASFPM Certified Floodplain Manager - MST

LOCAL PRESENCE
Emily resides in Lake County, 15 miles from the project site

Emily is a seasoned infrastructure planning professional with decades of experience across civil, environmental, and municipal projects. Her approach blends technical expertise with a focus on long-term community value, helping clients navigate complex roadway, drainage, and stormwater challenges with solutions that are both functional and sustainable.

LEADERSHIP AND STRATEGIC GUIDANCE

In her role as Senior Vice President and Regional Director for Wisconsin, Emily has built a reputation for aligning resources with client goals and budgets. Drawing on two decades of managing municipal projects, she provides clear direction to design and project teams, ensuring decisions are made with efficiency, quality, and timeliness in mind. Clients rely on her to see the big picture, anticipate challenges, and guide projects toward practical, achievable outcomes.

MUNICIPAL AND INFRASTRUCTURE EXPERTISE

Emily's background includes pavement replacement and roadway widening, stormwater design, water main relocations, and sanitary sewer improvements. She has led drainage studies, storm sewer planning, and green infrastructure initiatives while navigating municipal permitting processes with ease.

HELPING COMMUNITIES PLAN FOR THE FUTURE

As a client advisor, Emily partners with communities to develop financially responsible, technically sound infrastructure plans. She has played a key role in creating street improvement strategies, sewer rehabilitation programs, private lateral maintenance plans, and stormwater management frameworks. Her work reflects a deep commitment to helping municipalities balance today's needs with tomorrow's priorities.

RELEVANT EXPERIENCE

- Special Service Areas 14 and 15 WM Ext
  Green Oaks Yearly Road Improvement Program, Green Oaks, IL
- Silver Spring Drive Design, Glendale, WI
- 60th Street Reconstruction & Traffic Signal Design - Segment 3 Design, Kenosha, WI
- Town Center Stormwater Master Plan, Richton Park, IL
- Gages Lake Road Water Main Replacement, Lake County Public Works
- 2023 Sidewalk Drainage and Roadway Improvement Project, Green Oaks, IL
- CSO Long Term Control Plan, Hinsdale, IL
- Stormwater Master Plan Update, Downers Grove, IL

KEY STAFF

Chris.Gutkowski@clarkdietz.com

Chris Gutkowski, PE, CFM

DESIGN MANAGER - STORMWATER

EXPERIENCE
20 years

EDUCATION
MS, Civil and Environmental Engineering, University of Illinois Urbana-Champaign

BS, Civil Engineering, University of Missouri, Columbia

REGISTRATIONS
Professional Engineer: Illinois, Wisconsin, Indiana, Michigan

Certified Floodplain Manager - Illinois

LOCAL PRESENCE
Chris resides in DuPage County, 30 miles from the project site

Chris brings extensive experience in environmental engineering planning and design, specializing in hydrologic and hydraulic projects. He leads master planning efforts and advanced modeling using tools such as HEC-HMS, HEC-RAS, GeoHEC-RAS, PC-SWMM, XP-SWMM, StormCAD, and EPA-SWMM to support informed, practical design decisions.

STORMWATER, FLOODPLAIN, AND SEWER SYSTEMS

Chris's experience includes low impact design, site plan review, floodplain and floodway analysis, FEMA floodplain map revisions, and capital improvement planning. His stormwater work focuses on open channel design addressing erosion and conveyance capacity, along with storm sewer systems and wetland detention ponds. He also has deep experience with combined and sanitary sewer systems, including overflow elimination studies, system and treatment plant modeling, RDII analysis, and sewer design.

WATER INFRASTRUCTURE & GIS

Chris's water infrastructure experience spans large transmission and local distribution mains, well design, and pipeline integrity analysis. He has also contributed to community-wide sewer and water main mapping projects using GIS, supporting asset management and long-term infrastructure planning.

RELEVANT EXPERIENCE

- Copper Slough - Watershed Master Plan and Drainage Basin Improvements, Champaign, IL
- Garden Hills Drainage and Lighting Improvements, Champaign, IL
- Town Center Stormwater Improvements, Richton Park, IL
- CSO Long Term Control Plan, Hinsdale, IL
- South Campus Stormwater Master Plan, Urbana-Champaign, IL
- 2022 Town Center Stormwater, Richton Park, IL
- Stormwater Facility Plan, St. Joseph, IL
- Stormwater Master Plan Update, Evansville, IN
- Stormwater Master Plan, New Albany, IN

KEY STAFF

Derek.Tanner@clarkdietz.com

Derek Tanner, PE

DESIGN MANAGER - ROADWAY

EXPERIENCE
14 years

EDUCATION
BS, Civil Engineering, Iowa State University

REGISTRATIONS
Professional Engineer: Wisconsin

LOCAL PRESENCE
Derek resides in Kenosha County, 40 miles from the project site

WATER AND SEWER INFRASTRUCTURE

Derek has worked on the planning, design, and construction phases of water main and storm sewer projects. His role has included inspection services, surveying, and CAD design support, giving him broad experience across both utility installation and rehabilitation efforts.

TRANSPORTATION AND ROADWAY IMPROVEMENTS

Derek has supported numerous street and roadway projects, providing construction inspection for asphalt pavement, storm sewer, grading, and traffic signal work. He is well-versed in construction engineering activities such as daily documentation, quantity tracking, pay estimates, change order processing, and project closeout. His technical skills include CAD drafting, plan development, and traffic data collection.

TECHNICAL SKILLS AND TOOLS

Derek brings specialized expertise with Trimble Tablet Rugged PC and TSC3 data collectors paired with GPS receivers, which he uses for construction stakeout and data collection. His ability to combine field technology with strong documentation practices - including contract modifications, work authorizations, and final reporting- supports efficient, accurate project delivery.

RELEVANT EXPERIENCE

- Special Service Areas 14 and 15 WM Ext
  Green Oaks Yearly Road Improvement Program, Green Oaks, IL
- Road Improvement Program - Value Engineering, Green Oaks, IL
- Silver Spring Drive Design, Glendale, WI
- 60th Street Reconstruction & Traffic Signal Design - Segment 3 Design, Kenosha, WI
- ARPA Sidewalk Improvements, Glendale, WI
- 2023 Sidewalk, Drainage, and Roadway Improvement Project - Green Oaks, IL (DCEO Funding)
- 2024 Road Improvement Project, Green Oaks, IL (MFT)
- 2018 - 2024 60th Street Design, Kenosha, WI
- Fiesta Lane and Highland Road Drainage and Road Reconstruction, Mequon, WI

KEY STAFF

Antonio.Acevedo@clarkdietz.com

Antonio Acevedo, PE

QA/QC ROADWAY AND PUBLIC INVOLVEMENT LEAD

EXPERIENCE
16 years

EDUCATION
BS, Civil Engineering, University of Illinois at Chicago

REGISTRATIONS
Professional Engineer: Illinois

LOCAL PRESENCE
Antonio resides in Cook County, 24 miles from the project site

LEADERSHIP AND PROJECT MANAGEMENT

Antonio serves as our Northern Illinois Transportation Team Leader, where he also takes on the roles of project manager and project engineer for both Phase I studies and Phase II designs. In these positions, he guides teams through complex transportation projects, balancing technical precision with practical solutions that meet community needs.

TECHNICAL EXPERTISE

His areas of specialization include geometric highway design, traffic capacity analysis, traffic signal design, recreational trails, ADA improvements, alternatives analysis, crash analysis, and intersection and interchange design studies. Antonio's depth of knowledge allows him to navigate projects of varying scale and complexity, always with a focus on safety, efficiency, and sustainability.

PUBLIC ENGAGEMENT AND TECHNOLOGY

In addition to his engineering expertise, Antonio is a trained meeting facilitator who frequently leads public involvement efforts. He develops 3D renderings and visualizations to help communities better understand project concepts and provide meaningful input. As a licensed drone pilot, he also incorporates drone technology into his work to create 3D models, capture aerial imagery, and collect survey data, adding value and accuracy to every project he supports.

RELEVANT EXPERIENCE

- Road Improvement Program - Value Engineering, Green Oaks, IL
- Copper Slough - Watershed Master Plan and Drainage Basin Improvements, Champaign, IL
- Silver Spring Drive Design, Glendale, WI
- Garden Hills Drainage and Lighting Improvements, Champaign, IL
- 60th Street Reconstruction & Traffic Signal Design - Segment 3 Design, Kenosha, WI
- Three Oaks Trail - Phase II, Crystal Lake, IL
- Sayton Road Improvements, Fox Lake, IL
- Poplar Avenue Bike Trail Extension, Phase II, Richton Park, IL
- John Street Drainage Improvements, Champaign, IL
- West Washington Street Phase II, Champaign, IL
- Fort Jesse Road and Shepard Road Intersection Safety Improvements, Normal, IL

KEY STAFF

ANDY TOROLA
ROADWAY/CIVIL 3D TECHNICIAN
CLARK DIETZ

Andy has experience in construction observation, survey, and CADD operation (AutoCAD and MicroStation). His construction experience includes water and sewer extensions, water main construction, sewer overflow facilities, and drainage projects. Andy is also highly adept at developing accurate and precise survey information to establish boundaries and proper layouts of water and sewer extensions and drainage conveyances.

SURVEY PRECISION THAT DRIVES BETTER DESIGN

Andy is known for developing accurate and detailed survey data that helps establish boundaries and set the stage for successful layout of utilities, roadways, and drainage systems. His ability to recognize design impacts while in the field helps eliminate rework and reduce costs later in the process. Whether he's gathering topographic data or staking out a project, Andy's focus is always on precision, clarity, and efficiency—qualities that benefit the entire project team.

RELEVANT SURVEY EXPERIENCE

- Special Service Areas 14 and 15 WM Ext
  Green Oaks Yearly Road Improvement Program, Green Oaks, IL
- Road Improvement Program - Value Engineering, Green Oaks, IL
- Silver Spring Drive Design, Glendale, WI
- 60th Street Reconstruction & Traffic Signal Design - Segment 3 Design, Kenosha, WI
- Fire Storage Building/Storm Sewer, Antioch, IL
- Stormwater Drainage Improvements, Richton Park, IL
- Richton Square Road Reconstruction, Richton Park, IL
- Storm Sewer Repairs, Silver Lake, WI
- 16th Avenue New Roadway Design, Kenosha, WI

CERTIFICATES AND TRAINING
GIS FOR PUBLIC WORKS, UNIVERSITY OF MADISON

CIVIL 3D ROADWAY & CORRIDOR, PIPE NETWORKS, AND SITE DESIGN

EXPERIENCE
35 YEARS

ADAM LATUSEK
SURVEYOR
CLARK DIETZ

Adam is a technician with experience providing survey and construction inspection services, including documentation for various municipal projects. He identifies and addresses obstacles before the improvements are built to reduce or prevent errors, delays, and costly overruns. He handles the duties of inspection and surveying. With experience throughout Wisconsin and Illinois, Adam has provided survey and construction observation services for roadway reconstruction, resurfacing, and water main and sewer replacement.

SURVEY AND CONSTRUCTION SUPPORT FOR PUBLIC INFRASTRUCTURE

Adam is a technician with hands-on experience in both surveying and construction inspection for municipal infrastructure projects. He works closely with engineers, contractors, and municipal staff to support the successful delivery of roadway, utility, and site development improvements. His responsibilities include collecting accurate field data, performing construction observation, and preparing project documentation that supports both quality assurance and compliance. Adam plays a proactive role in identifying and resolving field issues before they impact project schedules or budgets.

RELEVANT SURVEY EXPERIENCE

- Special Service Areas 14 and 15 WM Ext
  Green Oaks Yearly Road Improvement Program, Green Oaks, IL
- Road Improvement Program - Value Engineering, Green Oaks, IL
- Silver Spring Drive Design, Glendale, WI
- 60th Street Reconstruction & Traffic Signal Design - Segment 3 Design, Kenosha, WI
- McKinley Stormwater Pump Station Rehabilitation, Elmhurst, IL
- Cramer Street Reconstruction & Storm Sewer Design, Whitefish Bay, WI
- 16th Avenue New Roadway Design, Kenosha, WI

EDUCATION
MS, SCIENCE IN MINING, UNIVERSITY OF SCIENCE AND TECHNOLOGY KRAKOW, POLAND

BS, SCIENCE IN MINING, UNIVERSITY OF SCIENCE AND TECHNOLOGY KRAKOW, POLAND

EXPERIENCE
12 YEARS

CERTIFICATES AND TRAINING
DESIGNATED EROSION CONTROL INSPECTOR MAKE UP DAY LAKE COUNTY STORMWATER MANAGEMENT COMMISSION

DESIGN OF FOUNDATIONS, EMBANKMENTS AND EARTH STRUCTURES, IL INSTITUTE OF TECHNOLOGY

DETAILED SCOPE OF SERVICES

PHASE A PRELIMINARY ENGINEERING

Phase A Submittal 1

1. Kickoff Meeting and Bi-Weekly Meetings with Village. Clark Dietz will prepare agendas and track project deadlines, submittals, and schedule constraints. It is assumed 20 meetings will be held.
2. Topographic Survey and Data Collection - Conduct a complete and detailed topographical survey (including all above & underground utilities, structures, ground contours at 1-foot intervals, critical ground spot elevations, trees, fences, mature landscaping, bushes, property lines, etc.) of the work site from Pfingsten Road to Shermer Road. The consultant shall follow all applicable IDOT policies and procedures for work within IDOT ROW during the topographic survey work.
    - All trees over 3 inches (DBH) and within 25 feet of the right of way line should be shown and size labeled. Measurement of each tree located in wooded areas, i.e. beyond the tree line, is not required.
    - All existing storm sewer inlets/manholes/catch basins shou d be labeled with their internal diameter, material type, and structural condition. This information to be shown along with rim and invert callouts on the plan sheets.
    - All inverts shall be field measured.
    - Right of way should be shown within 1 foot accuracy. Reliance solely on GIS parcel data to establish ROW is not acceptable.
3. Coordinate with the Village's GIS Consortium contact to obtain all available aerial contour mapping and utility data for each Component Project work site and immediately surrounding area. This includes the 2009 Cook County Lidar data that Northbrook GIS staff has converted to Lidar (.las) files to represent a 1-ft contour surface. This data is only intended to supplement and not replace the detailed field topographical survey. The selected consultant will need to execute a data sharing agreement with the Village to obtain said data.
4. Coordinate utilities (Nicor, ComEd, AT&T, Comcast, various telecommunication facilities, railroad and IDOT signal and interconnection facilities etc.). This will include a design stage J.U.L.I.E. and utility map request from all utility owners located within the work site. Include all Village provided archived project "as-constructed" information in the design documents.
5. Review all pertinent excerpts and information for the conceptual project from the Village's MSMP and CIP.
6. Prepare Hydrologic/Hydraulic project report for each component project.
    - Write narrative explaining design methodology and assumptions.
    - Show flooding extents per existing conditions modeling. Confirm modeling with available documented flooding areas per photos/ investigation (show on aerial w/flooding limits mapped).
    - Include at least 2 proposed improvement options to meet concept plan level of service.
    - Show proposed flooding limits based on implementation of improvements.
    - Develop engineer's estimate of construction cost for each option.
    - Discuss Green Infrastructure possibilities and include estimated costs.
    - Provide Village with all project hydrologic and hydraulic modeling data files.
7. Include all Village provided archived project "as-constructed" information in the design documents.
8. Set up and attend kickoff or review meetings with permitting agencies. Preparation for and attendance at regulatory or permitting agencies meetings shall be done as needed.
9. Identify and initially submit all required and applicable permits, including, but not limited to IDOT, IEPA, IEPA-NPDES, NCCSWCD, CCFPD, IDNR-OWR, MWRD, IHPA, Wetland delineation and initial submittal to the USACE for the necessary Permits or Letters of No Objection, etc. – **No wetland delineation, CCFPD, IDNR-OWR or IHPA coordination is anticipated. It is anticipated that the project limits will be outside of IDOT right-of-way.**
10. Provide the Village with expected permitting fees, license agreements or other required documents required from all involved permitting agencies.
11. Submit a preliminary Engineer's Opinion of Probable Construction Cost.
12. Identify any required temporary and/or permanent easement(s). Scope, man hours, and cost for preparation of the easements will be negotiated with the selected consultant once the need for the easements has been determined. This work would be paid for separately via a change order.
13. Identify impacts to existing trees. Coordinate with CCFPD and Village Forrester to minimize/mitigate impacts to trees.

DETAILED SCOPE OF SERVICES

14. Submit Engineering Drawings (Existing & Proposed Conditions Plan, Utility & Profiles), Cross Sections, and Typical Sections to be reviewed/approved by Village Staff. Specifications, Quantities, and Standard Details are not required for Submittal 1. Two (2) hard copies of each to be provided, all drawings will be full sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
15. Conduct evaluation to determine if any stormwater Best Management Practices (BMPs), including green infrastructure improvements, can be incorporated.
16. Conduct analysis to determine if any grants are available and the preparation and submittal of all grant funding application(s).
17. Administer Initial Project Informational Meeting with Impacted Property Owners and other Stakeholders.
18. Conduct Value Engineering of each proposed Component project concept plan to determine if any cost savings measures are available. A meeting shall be scheduled by the consultant for this step.
19. **Geotechnical coordination and PSI development. Clark Dietz will partner with Soil and Material Consultants to obtain eight pavement corings and four soil borings (to a depth of 8 feet) along the project corridor. Data from the soil borings and pavement corings will be used to develop recommendations for storm sewer construction and pavement rehabilitation methods.**

SUBMITTAL 2 – (70% COMPLETE)

All applicable sections of Submittal 1 will be included in Submittal 2.

1. Submit 70% plans marked "Pre-Final" to all utility companies that previously indicated potential impacts. This submittal will include corrections to the plans from comments made for Submittal 1. Include cover letter with project schedule and required documents.
2. Submit Engineering Drawings (Exist. & Proposed Conditions Plan, Utility & Profiles), Typical Sections, and Cross Sections. Specifications, Quantities, and Standard Details are not required for Submittal 2. One (1) hard copy to be provided to the Village (all drawings will be full sized (24"x36")). One electronic copy (PDF format) of each will also be provided. Consultant to provide Plans to each Utility company as required by the Utility.
3. Prepare the necessary Easement Exhibit Documents.
4. Perform title search to confirm ownership interests
5. Develop legal descriptions of easement and property
6. Develop easement exhibits with location and type of easements anticipated

SUBMITTAL 3 – (98% COMPLETE)

1. Submit 98% plans to Village of Northbrook Staff. This submittal will include modifications from the Utility Companies made in Submittal 2.
2. Include a Utility Matrix showing the conflicts identified with each Utility and the resolution
3. Include detailed drainage calculations for inlet capacities, main line and lateral pipe conveyance, etc. to determine final storm sewer size(s) and drainage structure number(s) and location(s).
4. Procure all other required and applicable Permits, including, but not limited to the IDOT, MWRDGC, IEPA NPDES, NCCSWCD, IDNR OWR, USACOE, etc.
5. Incorporate any identified stormwater BMPs and green infrastructure improvements.
6. Obtain Village Tree Removal & Preservation Permits. Provide a summary of trees to be removed with replacement trees identified and included in the plans
7. Provide copy of consultant's internal quality assurance (QA) review notes/ responses. QA documentation should at a minimum include:
   - Checked quantity calculations
   - Checked cost estimate/unit pricing review
   - Notes from designer's field visit to field check of 98% plans
   - Construction feasibility review
8. Submit 98% Engineering Drawing Set (including, but not limited to Title Sheet, Summary of Quantities, Traffic Control & Protection, Grading Plans, SWPP, Utility Plans, Utility Crossing Data at all major locations, Sewer Profiles, Cross Sections, Tree Removal & Preservation Plan, Restoration/ Landscape Plan, Tree Plantings, Details, General Notes, etc.) and Final Construction Estimate.
   - Two (2) hard copies of each to be provided to Village staff for final review, all drawings will be full-sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
9. Include all Project Specifications, Standard Details, and Special Provisions.
   - Two (2) hard copies of each to be provided to Village staff for final review. One electronic copy (pdf format) of each will also be provided.
10. Assist in facilitating the Special Service Area procedure.
11. Administer Project Informational Meetings with impacted residents.
12. Communicate with residents about costs and provide updates as required.

DETAILED SCOPE OF SERVICES

PHASE B – FINAL ENGINEERING/BID PACKAGE 2:

1. Lead Project Open House meeting. Project staff to be present to answer questions from the public.
2. Prepare exhibits showing the improvements on aerial imagery among other exhibits.
3. Submit Final Engineering Drawing Set (including everything from Submittal 3).
    - Two (2) hard copies of each shall be provided to the Village. All drawings will be full-sized (24"x36"). One electronic copy (PDF format) of each will also be provided.
4. Submit Final Project Specifications, Standard Details and Special Provisions (including everything from Submittal 3).
    - Two (2) hard copies of each to be provided to Village staff. Electronic copy (word and PDF format) of each will also be provided.
5. Provide Final Engineering Drawing Sets and Project Specifications, Standard Details, Special Provisions to each Utility company as required by the Utility.
6. Finalize and/or follow-up on any grants applied for and to ensure project(s) eligibility is maintained. - **No grants are anticipated.**
7. Provide Village with a CD containing all project CAD drawings (.dwg format) in AutoCAD Civil3D.
8. Issue Hydrologic/Hydraulic Report addendum memo upon completion of final design that identifies design changes that arose during final design process.

PHASE C – COMPETITIVE BIDDING PROCESS & CONSTRUCTION PLAN INTERPRETATION

1. Assist Village in Competitive Bidding Process with Area Contractors by:
    - Answering technical questions from contractors during bidding process. Issuing any Addendums, if necessary.
    - Reviewing first and second low bidder references, similar work history and availability.
    - Provide summary of quantity sheet listing each contractor's submitted price per pay item for verification of low bidder (Bid Tab).
2. Provide plan interpretation assistance during construction of the project. Note that a future RFP will be issued for construction observation services. The Village believes approximately 40 hours of the project designer's time will be required for this work item.

COST PROPOSAL

Request for Proposal (RFP)		
Koepke Road Stormwater and Roadway Improvements		
Price Schedule		
Phase	**Estimated Phase Hours**	**Phase Fee**
Phase A Submittal 1	461	$ 72,005
Phase A Submittal 2	106	$ 16,160
Phase A Submittal 3	389	$ 63,965
Phase B Final Engineering	130	$ 21,015
Phase C - Competitive Bidding Proces	60	$ 10,150
Geotechnical (Borings)		$ 3,000
Expenses		$ 1,200
Total (not to exceed)	1146	$ 187,495

COST PROPOSAL

		Project Role	Principal	SR PM	Stormwate	Project	Design	Project	Project	CADD	CADD	Survey	Expenses / Sub.	
			QA/QC	QA/QC	DM	Manager	Manager	Engineer	Engineer	Tech	Designer			Task
		Title	P-6	P-6	P-5	P-5	P-4	P-2	P-1	T-2	T-5	T-3		Total
		Rate	$ 250	$ 210	$ 205	$ 205	$ 170	$ 145	$ 140	$ 130	$ 190	$ 150		
Phase A Submittal 1														
1		Kickoff and Bi-Weekly Meetings w/ Village				10		10	20					$ 6,300
2		Topographic Survey and Data Collection								12	8	32		$ 7,880
3		Coordinate with GIS Consortium					2				2			$ 720
4		Utility Coordination							4					$ 560
5		CIP Review	Incidental											
6		Prepare H&H Report												
	6.1	Narrative	4		4	2		12		12				$ 5,530
	6.2	Analysis			12	2		24		8				$ 7,390
	6.3	EOPC			4	2			8					$ 2,350
	6.4	Green Infrastructure Review			4	2			12					$ 2,910
7		Review and include record drawing information									2			$ 380
8-10		Permitting - Meetings, applications, costs			8				24					$ 5,000
11		Prepare Engineer's Opinion of Probable Cost				2	4		8					$ 2,210
12		Identify Easements				2	2							$ 750
13		Identify Tree Impacts				1			2					$ 485
14		Submit 60% Plans												$ -
	5.01	Stormwater			8	2	8		32	32				$ 12,050
	5.02	Roadway				2	8		32					$ 6,250
15		BMP Evaluation					4		4					$ 1,240
16		Grant Review					2		2					$ 620
17		Initial PIM				6	6		10	6				$ 4,430
18		Value Engineering				2	8		8					$ 2,890
19		Geotechnical coordination											3000	$ -
20		Bicycle and non-motorized imp. Evaluation				4	4		4					$ 2,060
		Subtotal	4	0	40	39	48	46	170	70	12	32	461	461
		Labor Cost	$ 1,000	$ -	$ 8,200	$ 7,995	$ 8,160	$ 6,670	$ 23,800	$ 9,100	$ 2,280	$ 4,800	$ 3,000	$ 72,005

COST PROPOSAL

	Project Role	Principal	SR PM	Stormwate	Project	Design	Project	Project	CADD	CADD	Survey	Expenses / Sub.	
		QA/QC	QA/QC	DM	Manager	Manager	Engineer	Engineer	Tech	Designer			Task
	Title	P-6	P-6	P-5	P-5	P-4	P-2	P-1	T-2	T-5	T-3		Total
	Rate	$ 250	$ 210	$ 205	$ 205	$ 170	$ 145	$ 140	$ 130	$ 190	$ 150		
Phase A Submittal 1													
Phase A Submittal 2													
1	Submit 70% Plans to Utilities					2		8					$ 1,460
2	Submit Engineering Drawings		4		4	24		16	40	8			$ 14,700
3-6	Prepare Easement Documents	Scope to be determined based on easement requirements.											$ -
	Subtotal	0	4	0	4	26	0	24	40	8	0	106	106
	Labor Cost	$ -	$ 840	$ -	$ 820	$ 4,420	$ -	$ 3,360	$ 5,200	$ 1,520	$ -		$ 16,160
Phase A Submittal 3													
1	Prepare and Submit 98% Plans				4	24		32	40	8			$ 16,100
2	Prepare and Update Utility Matrix					1		4					$ 730
3	Drainage Sizing Calcs			4				12					$ 2,500
4	Procure All Required and Applicable Permits				1	4		8					$ 2,005
5	Incorporate BMPs	Scope to be determined based on selected BMPs											$ -
6	Obtain Village Tree Removal & Pres. Permits					1		2					$ 450
7	Provide Internal QA/QC documentation	4	4		8	8		8					$ 5,960
8	Submit 98% Plans					2							$ 340
9	Project Specifications	2	2		4	12		24					$ 7,140
10	SSA Facilitation												$ -
10.1	Prelim. Costs, Boundary, and Sched.				4	8		12					$ 3,860
10.2	Legal Description and Ordinance Assist.	8			4	8							$ 4,180
10.3	Public Hearing				8	12		16					$ 5,920
10.4	Answer Questions				8	8							$ 3,000
10.5	Prepare Outreach Information				8	4		12		8			$ 5,520
11	Public Information Meetings (2 each)				4	8		8					$ 3,300
12	Resident Communication				4	6		8					$ 2,960
	Subtotal	14	6	4	57	106	0	146	40	16	0		389

COST PROPOSAL

	Project Role	Principal	SR PM	Stormwat	Project	Design	Project	Project	CADD	CADD	Survey	Expenses / Sub.	
		QA/QC	QA/QC	DM	Manager	Manager	Engineer	Engineer	Tech	Designer			Task
	Title	P-6	P-6	P-5	P-5	P-4	P-2	P-1	T-2	T-5	T-3		Total
	Rate	$ 250	$ 210	$ 205	$ 205	$ 170	$ 145	$ 140	$ 130	$ 190	$ 150		
Phase A Submittal 1													
Phase B Final Engineering													
1	Lead Project Open House	2	2	4	8	8		8	8				$ 6,900
2	Submit Final Engineering				4	8		12	2	12			$ 6,400
3	Submit Final Specifications				1	2		4					$ 1,105
4	Utility Coordination					1		4	8				$ 1,770
5	Grant Follow Up	Cost to be provided if necessary											$ -
6	Electronic Deliverables									4			$ 760
7	Final H&H Report			4			4	8	12				$ 4,080
	Subtotal	2	2	8	13	19	4	36	30	16	0	130	130
	Labor Cost	$ 500	$ 420	$ 1,640	$ 2,665	$ 3,230	$ 580	$ 5,040	$ 3,900	$ 3,040	$ -		$ 21,015
Phase C - Competitive Bidding Process & Construction Plan Interpretation													
1	Bidding Services				4	8		8					$ 3,300
1	On-Demand Construction Services				10	20		10					$ 6,850
	Subtotal	0	0	0	14	28	0	18	0	0	0	60	60
	Labor Cost	$ -	$ -		$ 2,870	$ 4,760	$ -	$ 2,520	$ -	$ -	$ -		$ 10,150

Clark Dietz, Inc.
625 57th Street, 6th Floor
Kenosha, WI 53140

262.657.1550

clarkdietz.com

Join us on social media:

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Clark Dietz

Engineering Quality of Life®

ATTACHMENT C

SCHEDULE

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

PHASE A – Preliminary Engineering

• Award Contract and Start Work	April 14, 2026
• Submittal 1 (60% Complete)	June 29, 2026
• Submittal 1 VON Review Returned	July 20, 2026
• Submittal 2 (70% Complete)	September 7, 2026
• Submittal 2 VON Review Returned	September 28, 2026
• Submittal 3 (98% Complete)	November 16, 2026
• Submittal 3 VON Review Returned	December 7, 2026

PHASE B –Final Engineering/Bid Package

• Final Engineering Plans Submitted	January 25, 2027
• Plans Available for Bidding	February 4, 2027

PHASE C – Competitive Bidding Process & Construction Plan Interpretation

- Schedule TBD, Spring 2027 construction anticipated

Note: Written authorization from the Village is required before proceeding with each phase.

ATTACHMENT D

SPECIAL PROJECT REQUIREMENTS

1. Key Project Personnel Contact Information:

Name/Project Function: Telephone: E-Mail:

VILLAGE OF NORTHBROOK
PETITION FOR:

KOEPKE ROAD STREET IMPROVEMENTS

The undersigned property owners hereby petition the Village of Northbrook President and Board of Trustees for a street improvement in accordance with the Street Improvement Petition Frequently Asked Questions/Answers permitting street improvements at the following location:

Curb and gutter improvements on Koepke Road from Pfingsten Road to Miller Road

Each person signing this petition is the owner of the property at the address indicated and so certifies by his or her signature on this petition. Note there is to be a maximum of one signature per address. **By signing this petition form, I have read, understand, and acknowledge the Village of Northbrook Street Improvement Petition Frequently Asked Questions/Answers which is attached to this petition.**

Address	Print Name	Sign Name And Date
1660 Pfingsten Rd	Michelle S White	3/21/2025
2810 Koepke Rd		
2820 Koepke Rd	CHANG, MYUNGMO	5/12/2025
2830 Koepke Rd	CHUNG K HAM	5/29/25
2835 Koepke Rd		
2850 Koepke Rd	[illegible]	3/21/25
2855 Koepke Rd	[illegible]	[illegible]
2860 Koepke Rd	Kent DeCesare	3/21/25
2870 Koepke Rd		
2875 Koepke Rd		
2880 Koepke Rd		
2890 Koepke Rd		
2895 Koepke Rd		
2900 Koepke Rd	YONG KIM	
2905 Koepke Rd		
2910 Koepke Rd	Woo Kim	3/20/25

2914 Koepke Rd		
2915 Koepke Rd 2917 Koepke Rd	Richard Titeman	RICHARD TITEMAN 6/01/25 Richard TITEMAN
2920 Koepke Rd		
2925 Koepke Rd	Cayne Casey	CAYNE CASEY 3/20/25
2926 Koepke Rd	Kyung Choi	Kyung Choi 3/20/25
2930 Koepke Rd	Yegin Michoulan	5/12/25
2935 Koepke Rd		
2940 Koepke Rd		Janki Rami & Anil D'Souza
2945 Koepke Rd		PETER DEGMAN 3/20/25
2950 Koepke Rd		
2963 Koepke Rd		3/20/25 [illegible]
2970 Koepke Rd		
2975 Koepke Rd	Sarah Quinlan	3-2025 Sarah Quinlan
2980 Koepke Rd		3-20-25 STRATOS REGNIS
2985 Koepke Rd		3-20-25 GEORGE VOULGOMMATIS
2990 Koepke Rd	Amonia Bozeman	3-20-25 Maria Bazavan
3010 Koepke Rd	DHR	4/6/25 DAVID HAKIMI
3015 Koepke Rd	Carrie Miner	Carrie Miner 3/20/25
3020 Koepke Rd	Allison R	Allison Radin 3-21-25
3021 Koepke Rd		
3028 Koepke Rd	Michael Doman	Michael Doman 3/20/25
3030 Koepke Rd		Margo Jankelow 3/20/25
3040 Koepke Rd	Marcia Richman	MARCIA RICHMAN 4/11/25
3045 Koepke Rd		
3050 Koepke Rd	Jessica Fisher	Jessica Fisher 3-20-25
3055 Koepke Rd		

3060 Koepke Rd

ALEX KRESTON
3/20/25

3065 Koepke Rd		
3070 Koepke Rd		
3075 Koepke Rd		
3065 Koepke Rd		
3080 Koepke Rd		
3085 Koepke Rd		

Copy This Form If Additional Signatures Are Necessary

Person Soliciting Signatures: STRATIS ROUNIS

Address: 2980 KOEPKE RD, NORTHBROOK, IL 60062

Phone No./E-mail 847-878-1610 - SROUNIS2@COMCAST.NET

Note: Village staff will verify if petition meets the majority requirements (51% of the impacted fronting property owners).

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Approving a Contract with Patriot Pavement Maintenance Inc. of Wheeling, Illinois for the 2026 Crack Sealing Services

Overview

The Village invests in its infrastructure which includes planning for and funding the routine crack sealing program with the goal of extending useful life of roadways by performing maintenance tasks that include selective crack sealing.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget contains funds for this project in the amount of $25,000 in Account No. 11-4100-531-71 (Street Repairs). Funds will be taken from this account as needed to pay for the work which will be completed at rates outlined in Exhibit A.

Account Name	Account Number	Budget	Available	Requested	Remaining	Within Budget?
Street Repairs	11-4100-531-71	$25,000	$25,000	$25,000	$0	Yes

Recommendation

Approval.

Background

The Village of Northbrook owns and maintains roughly 97 centerline miles of asphalt streets. To help the Village's roads reach the full extent of their useful life, the Public Works Department performs maintenance tasks on Village roads that include selective patching and crack sealing. Crack sealing is used to help prevent moisture and debris from entering the road base through seams or cracks in the pavement that can form over time. As water seeps into these cracks/crevices it can cause premature failure to the roadway as it expands in freezing temperatures and contracts in warmer temperatures.

The adopted FY27 Budget includes funds to improve the life of pavement throughout the Village of Northbrook. The crack sealing process includes routing, cleaning, and application of hot poured sealer in accordance with IDOT specifications. Staff have identified several streets that require crack sealing under this year's program including Acorn Lane, Crabtree Lane, Crimson Court, Kingsport Court, Huntington Lane, Palm Lane, Phillips Avenue, and Lakeside Avenue (“Project”).

Staff prepared bid packages for the crack sealing services, which were also posted on the Village's website. On February 24, 2026, two (2) sealed, responsive bids were received. The lowest responsible bid was received from Patriot Pavement Maintenance of Wheeling, Illinois (“Contractor”).

The bids are summarized below in Table 1.

Table 1 - Summary of Bids						
Contractor	Hot Poured Joint Sealer (per LB.)			Street Sweeper (per Hour)		
	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
Patriot Pavement Maintenance	$1.60	$1.68	$1.70	$175.00	$175.00	$175.00
SKC Construction, Inc	$1.74	$1.84	$1.95	$112.00	$117.60	$123.48

Based on these factors, staff recommends entering into a contract with the Contractor in the amount of $25,000 (“Contract”) for the Project. The Contract is included as Exhibit A. The initial term for this Contract will be May 1, 2026, through April 30, 2027, with the option for up to two (2), one-year renewals upon mutual consent.

Staff recommends Village Board approval of a Resolution approving a contract with Patriot Pavement Maintenance of Wheeling, Illinois for the 2026 crack sealing services project. Staff will be in attendance at the Village Board meeting for any questions that may arise.

A Resolution Approving a Contract with Patriot Pavement Maintenance Inc. of Wheeling, Illinois for the 2026 Crack Sealing Services
Exhibit A - Patriot Pavement Contract
Supplemental Information - Location Maps

Resolution 2026-

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving a Contract with Patriot Pavement Maintenance Inc. of Wheeling, Illinois for the 2026 Crack Sealing Services

is hereby adopted, as follows:

Section 1. Recitals.

The adopted Fiscal Year 2026-2027 Budget includes funds for the maintenance of pavement throughout the Village of Northbrook. The crack sealing process includes routing, cleaning and application of hot poured sealer in accordance with IDOT specifications. Staff have identified several streets that require crack sealing under this year's program including Acorn Lane, Crabtree Lane, Crimson Court, Kingsport Court, Huntington Lane, Palm Lane, Phillips Avenue, and Lakeside Avenue ("***Project***").

Staff prepared bid packages for the completion of the Project and posted these bids on the Village's website. On February 24, 2026, two sealed, responsive bids were received. The lowest responsible bid was received from Patriot Pavement Maintenance Inc. of Wheeling, Illinois ("***Contractor***"). The Fiscal Year 2026/2027 Budget provides sufficient funds for the Project in Account No. 11-4100-531-71 (Street Repairs). Based on these factors, staff recommends entering into a contract with the Contractor in the amount of $25,000 ("***Contract***") for the Project. The Contract is included as ***Exhibit A***. The initial term for this Contract will be May 1, 2026, through April 30, 2027, with the option for up to two, one-year renewals upon mutual consent.

The President and the Board of Trustees have considered the Contract and determined that it is in the best interests of the Village and the public to enter into the Contract.

Section 2. Approval of the Contract

The Contract shall be, and is hereby, approved in a form acceptable to the Village Attorney and the Village Manager.

Section 3. Authorization to Execute Contract.

The Village Manager shall be, and is hereby, authorized and directed to execute and seal, on behalf of the Village, the Contract only after receipt by the Village Clerk of at least three original copies of the Contract executed by the Contractor; provided, however, that if such executed copies of the Contract are not received by the Village Clerk within 30 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
ABSTAIN:
ABSENT:
AWAY:

ATTEST:

Village President

Village Clerk

VILLAGE OF NORTHBROOK

REQUEST FOR PROPOSALS

OWNER:
Village of Northbrook
1225 Cedar Lane
Northbrook, Illinois 60062

Owner will receive sealed proposals for the Work generally described as follows:

2026 Crack Sealing Services

TO BE SUBMITTED TO: **Northbrook Public Works, 655 Huehl Road, Northbrook, Illinois 60062, attention Kelly Hamill, BEFORE 10:00 A.M., March 17, 2026.**

INSTRUCTIONS TO BIDDERS

Preparation of Proposals

All proposals for the Work shall be made only on the blank Contract/Proposal form attached to this Request for Proposals and shall be complete with a price for each and every item named in the Schedule of Prices section of the Contract/Proposal form. All proposals must be signed by an authorized official. Proposals that contain omissions, erasures, alterations, or additions not called for, conditional or alternate bids unless called for, or that contain irregularities of any kind may be rejected. Proposals must include an attached reference form with their submittal. Contractors with extensive experience in crack sealing services will be preferred.

Clarifications

Owner reserves the right to make clarifications, corrections, or changes in this Request for Proposals at any time prior to the time proposals are opened. All bidders or prospective bidders will be informed of said clarifications, corrections, or changes.

Delivery of Proposals

Each proposal shall be submitted in a sealed envelope plainly marked with the title of the contract and bidder's full legal name and shall be addressed and delivered to the place and before the time set forth above. Proposals may be delivered by mail or in person. Proposals received after the time specified above will be returned unopened. Proposals must include 3 references from current clients whom you have served by providing this service for the past 3 years.

Opening of Proposals

Proposals will be publicly opened and read aloud at the time and place specified above. Bidders, their authorized agents, and interested parties are invited to be present. Village Staff will post the as-read results of the bid opening on the QUESTCDN website shortly after the bid opening.

Withdrawal of Proposals

No proposal shall be withdrawn for a period of 45 days after the opening of any proposal.

Rejection of Proposals

Proposals that are not submitted on the Contract/Proposal form or that are not prepared in accordance with these Instructions to Bidders may be rejected. If not rejected, Owners may demand correction of any deficiency and accept the deficiently prepared proposal upon compliance with these Instructions to Bidders.

Acceptance of Proposals

Proposals submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the bidders.

Owner reserve the right to accept the proposal that is, in its judgment, the best and most favorable to the interests of Owner and to the public; to reject the low price proposal; to accept any item of any proposal; to reject any and all proposals; and to waive irregularities and informalities in any proposal submitted or in the request for proposal process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Bidders should not rely upon, or anticipate, such waivers in submitting their proposal.

Upon acceptance of the successful Bidder's proposal by Owner, the successful Bidder's proposal, together with Owner's notification of acceptance in the form attached to this Request for Proposals, shall become the contract for the Work.

DATED this 24th day of February 2026.

VILLAGE OF NORTHBROOK

By: Aram Beladi,
Village Engineer

VILLAGE OF NORTHBROOK

CONTRACT/PROPOSAL FOR THE
2026 CRACK SEALING SERVICES

Full Name of Bidder Patriot Pavement Maintenance ("Bidder")

Principal Office Address 1165 W. Hintz Rd Wheeling, IL

Local Office Address _____

Contact Person Matt Sollars Phone 847-813-9034 E-Mail Matt@patriotpavement.net

TO: Northbrook Public Works
655 Huehl Road
Northbrook, Illinois 60062
Attention: Kelly Hamill

Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. NONE [if none, write "NONE"], which are securely stapled to the end of this Contract/Proposal.

1. Work Proposal

A. Contract and Work: If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall, at its sole cost and expense, provide, perform, and complete, in the manner specified and described, and upon the terms and conditions set forth, in this Contract/Proposal and Owner's written notification of acceptance in the form included in this bound set of documents, all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials and Supplies: Provide, perform, and complete, in the manner specified and described in this Contract/Proposal and Specifications (Attachment A), all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other items necessary for pavement improvements at various locations in the Village of Northbrook (the "Work Site").

2. Permits: Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith.

3. Bonds and Insurance: Procure and furnish all bonds and all insurance certificates specified in this Contract/Proposal.

4. Taxes: Pay all applicable federal, state, and local taxes.

5. Miscellaneous: Do all other things required of Bidder by this Contract/Proposal; and

6. Quality: Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with highest standards of professional and construction practices, in full compliance with, and as required by or pursuant, to this Contract/Proposal, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged, and first quality equipment, materials, and supplies.

B. Performance Standards: If this Contract/Proposal is accepted, Bidder proposes, and agrees, that all Work shall be fully provided, performed, and completed in accordance with the contract "2026 Crack Sealing Services" dated March 17th, 2026, and specifications attached hereto and by this reference made a part of this Contract/Proposal.

C. Responsibility for Damage or Loss: If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be responsible and liable for, and shall promptly and without charge to Owner repair or replace, damage done to, and any loss or injury suffered by, Owner, the Work, the Work Site, or other property or persons as a result of the Work.

D. Inspection/Testing/Rejection: Owner shall have the right to inspect all or any part of the Work and to reject all or any part of the Work that is, in Owner's judgment, defective or damaged or that in any way fails to conform strictly to the requirements of this Contract/Proposal and Owner, without limiting its other rights or remedies, may require correction or replacement at Bidder's cost, perform or have performed all Work necessary to complete or correct all or any part of the Work that is defective, damaged, or nonconforming and charge Bidder with any excess cost incurred thereby, or cancel all or any part of any order or this Contract/Proposal. Work rejected may be returned or held at Bidder's expense and risk.

2. Contract Price Proposal

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below. **The total contract price is not to exceed $25,000.00 per year.**

A. Schedule of Prices: For providing, performing, and completing all Work, the sum of products resulting from multiplying the number of acceptable units of Unit Price Items listed below incorporated in the Work by the Unit Price set forth for such Unit Price Item:

Schedule of Prices

	Description	Unit	Year 1 Unit Price	Year 2 Unit Price	Year 3 Unit Price
1	Hot Poured Joint Sealer (IDOT 1050.02)	LB.	1.60	1.68	1.70
2	Sweeper with disposal performed by contractor	Hour	$175.00	$175.00	175.00

YEARLY MAXIMUM CONTRACT PRICE
(The sum of the extensions for the Unit Price Items based on completed units of each unit price item.)

Contract Year 1 (2026, beginning May 1, 2026, and ending April 30, 2027): $25,000
Contract Year 2 (2027, beginning May 1, 2027, and ending April 30, 2028): $25,000*
Contract Year 3 (2028, beginning May 1, 2028, and ending April 30, 2029): $25,000*

***Year 2 and Year 3 subject to Owner authorization and approval. Contractor shall not work prior to receiving written authorization from the Owner.**

TOTAL CONTRACT PRICE (total not to exceed the sum of the extensions for the Unit Price Items)

Twenty-Five Thousand	**Dollars and**	Zero	**Cents**
(in writing)		**(in writing)**	

25,000	**Dollars and**	00	**Cents**
(in figures)		**(in figures)**	

Renewal for Subsequent Project Years

Owner reserves the right, but shall be under no obligation, to offer to renew this Contract with Contractor for up to two additional project years (2027, 2028) on an annual basis. Owner shall notify Contractor of his desire to renew the Contract for an additional project year on or about November 1st of the preceding year. Contractor shall notify Owner not later than November 15th whether or not he will enter into a renewal of the Contract with Owner at the adjusted Unit Prices for that year. Note quantities will vary each year. The Village expects to be able to provide the total project budget in the renewal letter. A renewal of the contract will require Contractor renewal of insurances, bonds, and obtaining permits. All requirements of the contract are still in effect. Contractor must pay the current prevailing wage.

B. Basis for Determining Prices: It is expressly understood and agreed that:

1. All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change; Owner reserves the right to increase or decrease such quantities, and that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item installed complete in place, measured on the basis in the Contract;

2. Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices.

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits are included in this Schedule of Prices.

4. All costs, royalties, and fees arising from use on, or the incorporation into, the Work of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions are included in this Schedule of Prices; and

5. All claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, or to claim any additional compensation by reason of the payment of any such tax, contribution, or premium or any such cost, royalty or fee is hereby waived and released.

C. Time of Payment: It is expressly understood and agreed that all payments shall be made in accordance with the following schedule:

The Bidder shall submit to Owner monthly a written request for payment based on the amount of Work completed and services provided since the previous request for payment. Requests for payment must be submitted no later than the first day of each month for consideration and approval of payment by Owner at the Board of Trustee meetings normally held on the second and fourth Tuesday of each month. Each request for payment shall include a description (location, genus and size list) of all work completed, copies of all approved emergency service work orders, required copies of certified payrolls, waivers and all other required attachments. Improper or incomplete requests for payment will not be submitted to Owner's Board of Trustees for payment until all disputes have been resolved or removed from the request for payment.

All payments may be subject to deduction or set off by reason of any failure of Bidder to perform under this Contract/Proposal. Each payment shall include Bidder's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and Bidder's certification that all prior payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

3. Contract Time + Completion Date Proposal

A. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall prepare to commence the Work following Owner's acceptance of this Contract/Proposal provided Bidder shall have furnished to Owner all bonds and all insurance certificates and policies of insurance specified in this Contract/Proposal (the "Commencement Date"). If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall perform the Work diligently and continuously and shall complete the Work in accordance with the schedule approved pursuant to the Specifications. All project work must be completed by November 30, 2026. The Owner may at their sole discretion assess a $500 penalty per calendar day for each day after the stated completion date.

4. Financial Assurance

A. Bonds: No Bid Bond Required

B. Insurance: If this Contract/Proposal is accepted and for each year in which this Contract/Proposal is renewed, Bidder proposes, and agrees, that Bidder shall provide certificates of insurance evidencing the minimum insurance coverage and limits set forth below within 10 days following Owner's acceptance, or the execution of any renewal, of this Contract/Proposal. Such policies shall be in form, and from companies, acceptable to Owner. The insurance coverage and limits set forth below shall be deemed to be minimum coverage and limits and shall not be construed in any way as a limitation on Bidder's duty to carry adequate insurance or on Bidder's liability for losses or damages under this Contract/Proposal. The minimum insurance coverage and limits that shall be maintained at all times while providing, performing, or completing the Work are as follows:

1. Workers' Compensation and Employer's Liability

Limits shall not be less than:
Worker's Compensation: Statutory
Employer's Liability: $500,000 ea. Accident injury
$500,000 ea. Employee disease
$500,000 disease-policy
Such insurance shall evidence that coverage applies to the State of Illinois.

2. Comprehensive Motor Vehicle Liability

Limits for vehicles owned, non-owned or rented shall not be less than:
$1,000,000 Bodily Injury and Property Damage Combined Single Limit

3. Comprehensive General Liability

Limits shall not be less than:
$1,000,000 Bodily Injury and Property Damage Combined Single Limit.
Coverage is to be written on an "occurrence" basis.
Coverage to include:
- Premises Operations
- Products/Completed Operations
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- Broad Form Property Damage

Endorsement
- "X," "C," and "U"
- Contractual Liability

Contractual Liability coverage shall specifically include the indemnification set forth below.

4. Umbrella Liability

Limits shall not be less than:
$2,000,000 Bodily Injury and Property Damage Combined Single Limit.
This Policy shall apply in excess of the limits stated in 1, 2, and 3 above.

C. Indemnification: If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall indemnify, save harmless, and defend Owner against all damages, liability, claims, losses, and expenses (including attorneys' fee) that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof, or any failure to meet the representations and warranties set forth in Section 6 of this Contract/Proposal.

D. Penalties: If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof.

5. Firm Proposal

All prices and other terms stated in this Contract/Proposal are firm and shall not be subject to withdrawal, escalation, or change provided Owner accept this Contract/Proposal within 45 days after the date this sealed Contract/Proposal is opened.

6. Bidder's Representations and Warranties

In order to induce Owner to accept this Contract/Proposal, Bidder hereby represents and warrants as follows:

A. The Work: The Work, and all of its components, shall be of merchantable quality; shall be free from any latent or patent defects and flaws in workmanship, materials, and design; shall strictly conform to the requirements of this Contract/Proposal, including, without limitation, the performance standards set forth in Subsection 1B of this Contract/Proposal; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Proposal and the warranties expressed herein shall be in addition to any other warranties expressed or implied by law, which are hereby reserved unto Owner.

B. Compliance with Laws: The Work, and all of its components, shall be provided, performed, and completed in compliance with, and Bidder agrees to be bound by, all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time.

C. Not Barred: Bidder is not barred by law from contracting with Owner or with any other unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33 of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq.

D. Qualified: Bidder has the requisite experience, ability, capital, facilities, plant, organization, and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above.

7. Acknowledgments

In submitting this Contract/Proposal, Bidder acknowledges and agrees that:

A. Reliance: Owner are relying on all warranties, representations, and statements made by Bidder in this Contract/Proposal.

B. Reservation of Rights: Owner reserve the right to reject any and all proposals, reserve the right to reject the low-price proposal, and reserve such other rights as are set forth in the Instructions to Bidders.

C. Acceptance: If this Contract/Proposal is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Proposal and in Owner's written notification of acceptance in the form included in this bound set of documents.

D. Remedies: Each of the rights and remedies reserved to Owner in this Contract/Proposal shall be cumulative and additional to any other or further remedies provided in law or equity or in this Contract/Proposal.

E. Time: Time is of the essence of this Contract/Proposal and, except where stated otherwise, references in this Contract/Proposal to days shall be construed to refer to calendar days.

F. No Waiver: No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, whether before or after Owner's acceptance of this Contract/Proposal; nor any information or data supplied by Owner, whether before or after Owner's acceptance of this Contract/Proposal; nor any order by Owner for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the Work by Owner; nor any extension of time granted by Owner; nor any delay by Owner in exercising any right under this Contract/Proposal; nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Work, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Bidder; or of any requirement or provision of this Contract/Proposal; or of any remedy, power, or right of Owner.

G. Severability: The provisions of this Contract/ Proposal shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract/Proposal shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract/Proposal shall be in any way affected thereby.

H. Amendments: No modification, addition, deletion, revision, alteration, or other changes to this Contract/Proposal shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Bidder.

I. Assignment: Neither this Contract/Proposal, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Bidder except upon the prior written consent of Owner.

J. Governing Law: This Contract/Proposal, and the rights of the parties under this Contract/Proposal shall be interpreted according to the internal laws, but not the conflict of law rules, of the State of Illinois.

DATED this 17 day of March, 2026.

Bidder's Status: ( ) _____ Corporation ; (√) S Partnership; ( ) Individual Proprietor
(State) (State)

Bidder's Name: Patriot Pavement Maintenance

Doing Business As (if different): " "

Signature of Bidder or Authorized Agent: Matt S

(corporate seal if corporation)

Printed Name: Matt Sollars

Title/Position: President

Bidder's Business Address: 165 W. Hintz Rd Wheeling, IL

Bidder's Business Telephone: 847-813-9034 Facsimile: 847-813-9583

If a Corporation, Limited Liability Company, or Partnership, list all Officers, Members, or Partners:

NAME	TITLE	ADDRESS
Matt Sollars	President	165 W. Hintz Rd Wheeling

ACCEPTANCE

The Contract/Proposal attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of Village of Northbrook ("Owner") this ____day of _____, 2026.

This Acceptance, together with the Contract/Proposal attached hereto, constitutes the entire and only agreement between the parties relating to the accomplishment of the Work and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgment, invoice, or other standard form used by the parties in the performance of the Contract/Proposal. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by Owner without further notice of objection and shall be of no effect nor in any circumstances binding upon Owner unless accepted by Owner in a written document plainly labeled "Amendment to Contract/Proposal." Acceptance or rejection by Owner of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

(SEAL)

Attest/Witness:

VILLAGE OF NORTHBROOK

By: _____
Derek R. Gau

Title: Village Clerk

By: _____
Cara L. Pavlicek

Title: Village Manager

ATTACHMENT A

SPECIFICATIONS FOR THE
2026 CRACK SEALING SERVICES

PART 1. - GENERAL PROVISIONS

GP-1. **Resident Engineer:**

Owner shall designate an agent to serve as Resident Engineer under this Contract. The Project Engineer shall be the same as the Resident Engineer.

GP-2. **Commencement Date:**

Work may not begin until **May 18, 2026.**

GP-3. **Completion Date:**

All Work shall be completed by **November 30, 2026**.

GP-4. **Per Diem Administrative Charge**

FIVE HUNDRED DOLLARDS ($500.00) PER DAY FOR EACH DAY AFTER THE COMPLETION DATE OF NOVEMBER 30, 2026.

GP-5. **Progress Schedule, Work Completed Documentation and Pay Request Submittals:**

The Contractor shall submit a progress schedule at the preconstruction meeting to the Project Engineer which shall indicate the proposed sequence of Work, and how the Contractor proposes to complete the Work within the days specified in the Contract. At the end of each week the Contractor shall provide to the Project Engineer a list of quantities and Work hours contributed to the Work performed during said week (sealer order sheets, tickets). Pay request submittals shall be made on the Village's standard request forms and shall include the quantity and locations of all Work completed. Weekly project status meetings will be held. The Contractor will be required to provide a one-week work plan and a "best guess" work plan for the 2nd week out.

GP-6. **Private Property Lawn Irrigation Systems, Mailboxes, Fences and Other Subsurface & Surface Items:**

Locating and repairing private property lawn irrigation systems, underground pet containment systems, mailboxes, fences, yard lights, bushes, landscape boulders and other subsurface and surface items damaged in conjunction with completing the Work shall be the responsibility of the CONTRACTOR. Permanent repairs must be completed within ten (10) calendar days of the damage occurrence. Materials used for repairs shall be equal to, or better than, the existing and are subject to the Resident Engineer's approval. Failure to repair the damaged items within specified time period will result in the Contractor paying all costs involved for an outside professional to complete all necessary repairs.

All costs relating to protecting and repairing private property lawn irrigation systems, underground pet containment systems, mailboxes, fences, yard lights, bushes, landscape boulders and other subsurface and surface items that either conflict and/or are damaged by the Work are incidental to the Contract, unless otherwise noted in the Special Provisions.

GP-7. Underground Utilities:

The Contractor shall notify all utility companies for locations prior to proceeding with the Work by contacting J.U.L.I.E. at 1-800-892-0123.

The CONTRACTOR shall locate all underground utilities in potential conflict with the Work in advance of pavement routing and installing the proposed improvements and in advance of ordering materials for proposed work. Upon determination of a conflict, such conflict shall be immediately brought to the attention of the Resident Engineer. The Resident Engineer will make a reasonable attempt to resolve such conflict in a timely manner. However, no compensation will be provided to the CONTRACTOR for any delays or additional Work associated with a utility conflict(s).

CONTRACTOR shall take reasonable precautions against damage to existing utilities. However, in the event of a break of an existing gas main, underground electrical or communications cable, etc., the CONTRACTOR shall immediately notify J.U.L.I.E. and the responsible official of the organization operating the utility damaged by the Work. The CONTRACTOR shall lend all possible assistance in restoring services and shall assume all costs, charges, or claims connected with the interruption and repair of such services. There will also be no additional compensation to the CONTRACTOR for any delays or additional Work associated with a utility conflict(s).

GP-8. Street Parking Notification:

The Contractor is responsible for notifying residences or businesses a minimum of 48 hours in advance of driveway closures or limits of street construction. This will assist in preventing vehicles from obstructing areas of construction.

Driveway staging will be allowable as deemed satisfactory to the Resident Engineer; however, full access (ingress and egress) must be maintained at all times. If this requires short-term flagging operations it shall be considered incidental to contract and no additional compensation will be provided.

GP-9. Deletion Of Work:

The Village reserves the right to delete Work from this project should the Work exceed the Village's Budget allocation. In the event Work is deleted from the Contract, the CONTRACTOR shall continue to honor the Contract Unit Prices.

GP-10. Addition Of Work:

The Owner reserves the right to add additional Work to this project at other locations throughout the Village. In the event Work is added to the Contract, the CONTRACTOR shall continue to honor the Contract Unit Prices. No additional compensation will be provided for mobilization or traffic control required for the additional Work.

GP-11. Private Property Damage:

The CONTRACTOR must pay all claims submitted for private or public entity property damage due to this project within 14 days of submittal. If payment of claim extends past a 14-day period, the Village reserves the right to reimburse the claim submitter and deduct the amount of the claim from CONTRACTOR 's contract. There will be a 15% administrative charge and $150.00 minimum assessed to the Contractor for failure to make payment.

GP-12. Construction Work Hours:

All Work shall be limited to the following Working days and Working hours. For Monday through Friday, working hours are from 7:00 A.M. to 5:00 P.M. Any work requiring supervision or inspection after 5:00 P.M. or on Saturdays, Sundays and legal holidays will need approval of the Project Engineer. If approved, weekend and holiday work may not begin earlier than 9:00 A.M. and must conclude by 5:00 P.M., or earlier if specified by the Project Engineer.

No Work will be allowed on Rosh Hashana (September 12th, 2026) and
Yom Kippur (September 21st, 2026).

GP-13. Solid Waste Collection Days:

The Contractor must also coordinate with/around the Village's garbage and recycling collection times.

PART 2. - SPECIAL PROVISIONS

SP-1. General:

The work required by this Contract shall be performed in accordance with and subject to the following published documents, as referenced within this Contract, except where otherwise required by this Contract and its components:

1. State of Illinois Standard Specifications for Road and Bridge Construction, adopted January 1, 2022 ("Standard Specifications");
2. Village of Northbrook's Standards and Specifications for Public & Private Improvements, in effect on the date of the Invitation for Bidder's Proposals.
3. Illinois Manual on uniform Traffic Control Devices for Streets and Highways, in effect on the date of the Invitation for Bidder's Proposals.

4. State of Illinois Supplemental Specifications and Recurring Special Provisions in effect on the date of the Invitation for Bidder's Proposals; and.

In case of conflict between the specifications and requirements of any of these publications and any part or parts of this Contract and its Attachments, the more restrictive specification or requirement shall take precedence and shall govern.

SP-2. Description of Work:

The Village of Northbrook requests bids for roadway crack sealing services, which will include routing of asphalt pavement cracks, cleaning of cracks, and provision of crack sealant compound to be performed throughout Northbrook. The successful bidder ("Contractor") will provide crack sealing services (i.e., crack routing, crack cleaning, and crack filling) per the Illinois Department of Transportation (IDOT) specifications offered in section 451 of its "Standard Specifications for Road and Bridge Construction (Adopted January 1, 2022 or the latest edition available) and Supplemental Specifications and Recurring Special Provisions (Adopted January 1, 2026 or the latest edition available)."

SP-3. Location of Work:

The work included in this project shall be performed at the following locations also shown in an exhibit in the contract: Crabtree Ln, Acorn Ln, Crimson Ct, Huntington Ln, Kingsport Ct, Phillips Ave, Lakeside Ave, Palm Ln. An updated location map will be provided by the Village following any annual contract renewal.

SP-4. Noise Limitations:

Equipment and trucks may not be started or operated outside of the Work hours above unless authorized at the sole discretion of the Project Engineer. All other areas of Work noise restriction will be strictly enforced.

SP-5. Maintenance of Job Site Cleanliness and Street Sweeping:

Street sweeper must be capable of collecting asphalt routing debris, followed by the uniform application of sprinkled water (each day as directed by the Engineer), which shall be applied in a manner approved by the Engineer. All equipment used for this Work shall meet with the Project Engineer's approval. There shall be a thorough cleaning of the job site once project has been completed at the approval of the Project Engineer.

The contractor is required to fill tank or water storage equipment at the Village of Northbrook Public Works Center located at 655 Huehl Road where a hydrant meter is set up to monitor the exact amount of water discharged. The contractor is required to properly document all water used when drawing water. There is no fee for water used for this project.

If the Contractor does not meet the requirement of collecting asphalt routing debris, as determined by the Project Engineer, the Owner shall make the necessary arrangements to collect asphalt debris. The cost of such collection will be deducted from any monies due or to become due to the Contractor.
See the deficiency table below for penalties to be assessed if these conditions are not met. Once the Contractor has been notified, they shall have two hours to address any deficiencies.

First Offense	Warning from Engineer
Second Offense	$500
Third Offense	$750
Fourth Offense & More	$1000/Occurrence

Equipment used in the performance of the Work must comply with legal load limits established by State statutes or local regulations when moved over or operated on any traveled surface or structure unless permission in writing has been issued by the Project Engineer. Before using any equipment that may exceed the legal roadway load, the Contractor shall secure a permit, allowing ample time for an analysis of stresses to determine whether or not the proposed load is within safe limits. The Owner will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements. The Contractor shall be responsible for satisfactory removal and disposal of all waste material, asphalt, concrete, stone, dirt, or debris generated in the course of the work. The temporary storage of removed materials on the parkways will not be allowed. Removal and disposal of surplus, unstable, and unsuitable materials and organic waste shall follow Section 202 of the Standard Specifications. It shall be the contractor's responsibility to find an approved dumpsite for debris. The Village will not provide for one. The stockpiling of any material within the roadway overnight shall not be permitted.

SP-6. Crack Sealing Hot-Mix Asphalt Pavement

Description: This work must be performed according to the applicable sections of the "Standard Specifications for Road and Bridge Construction" Section 451 and 1050.

This work shall consist of routing, cleaning, and sealing transverse and longitudinal reflected cracks in existing hot-mix asphalt (HMA) pavement.

Materials: The hot-poured joint sealer shall be according to ASTM D 6690, type II.

Equipment: The routing machine shall have a steel, circular cutting head with carbide tipped cutters mounted radially. The machine shall be capable of routing a uniform, square shape approximately 3/4 x 3/4 in. (19 x 19 mm) in either a straight or irregular line.

The sealant materials shall be combined in an oil jacketed double wall kettle (minimum 1350L (350 Gal.) capacity) equipped with an agitator (reversing rotary auger action), separate thermometers for the oil bath and mixing chamber. The unit shall also be equipped with a reversible hydraulic 50mm (2") hot asphalt pump and a recirculating pump to circulate the oil bath. Operating temperature in the kettle should be 124-141oC (255-285oF) and should never exceed 143oC (290oF). At the time of placement of the mixture, the surfaces to be sealed shall be dry, and the ambient temperature shall be above 4oC (40oF), and less than 29oC (85oF). If work is in progress and the ambient temperature. reaches 29oC (85oF), the work must stop

General: The Contractor shall be responsible for sweeping and cleaning streets to make sure the street surface is in an acceptable condition before crack filling. Primary transverse and longitudinal working cracks shall be routed, cleaned, and sealed. Any adjacent secondary cracks shall be only cleaned and

sealed as directed by the Engineer.

Cracks shall be routed following the crack as nearly as possible, approximately 3/4 in. (19 mm) wide by 3/4 in. (19 mm) deep as close to a 1:1 ratio as possible. Immediately ahead of sealer placement, dust and debris shall be blown from the crack with a power brush/blower or with compressed air with a minimum pressure of 90 psi (620 kPa). When compressed air is used, the pneumatic tool lubricator must be bypassed and a filter installed on the discharge valve to keep water and oil out of the lines.

The hot-poured joint sealer shall be continuously and mechanically agitated during heating. The sealer shall be applied using the methods and equipment recommended by the manufacturer, except it shall only be placed when the air temperature in the shade is 40 °F (5 °C) or greater.

Existing raised reflective pavement markers shall be protected during the crack sealing operations. Tracking of sealant material will not be allowed. If sealant materials are applied to the markers, such material shall be removed.

Sealant shall be placed in the clean, dry crack. The crack shall be slightly overfilled and immediately squeegeed to provide a "band-aid" type effect approximately 2 in. (50 mm) wide, flush with the pavement surface, and with the edges feathered out.

The sealant shall be allowed to cure before opening to traffic. When approved by the Engineer, the sealant may be dusted with fine sand, Portland cement, or mineral filler to prevent tracking.

Basis of Payment: This work will be paid for crack routing (pavement) and crack filling unit price per pound (kilogram) for "HOT POURED JOINT SEALER."

SP-7. Traffic Control and Protection:

Description: Traffic Control shall be performed according to the applicable sections of the "Standard Specifications", the "Supplemental Specifications", the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", the "Quality Standard for Work Zone Traffic Control Devices", any special details and IDOT Highway Standards 701301-04, 701306-04.

Access to the project site will be on local roads.

The Contractor is responsible for the erection and maintenance of all barricades, drums, signs and other devices that must also always have operating flashing lights and that are necessary for public safety and convenience. Special attention is called to Articles 105.03(b), 107.09, 107.14 and Section 701 of the "Standard Specifications" and to the following Highway Standards, Details, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control. In general, all hazards within the limits of the Work or on detour routes around the Work must be marked with well-painted, well-maintained barricades with operable flashers, reflectors, electric lights, warning and directional signs in sufficient quantity and size adequate to protect life and property. These safeguards shall be moved, changed, increased, or removed as required during the progress of the Work to meet changing conditions. Any traffic control devices found/used on the project site that do not meet the required specifications must be immediately removed from the job site and replaced with approved devices. **Failure to comply within 24 hours of notice by the RESIDENT ENGINEER will result in daily fines issued at a cost of two-hundred fifty dollars ($250.00) per day.**

When a street or lane is closed to through traffic, barricades shall be placed at the adjacent intersections as well as at the location of the obstruction. Detour signs shall be attached to the barricades at the adjacent intersections. Detour signs shall be adequately illuminated and/or reflectorized to always be clearly visible. Any detour plan proposed by the Contractor must be submitted and approved in writing by the RESIDENT ENGINEER 72 hours in advance of a road closure.

All street barricades, signs and warning devices shall be, as a minimum, in accordance with Chapter 6 of the Manual of Uniform Traffic Control Devices for Streets and Highways, Illinois Department of Transportation, latest revision.

The Contractor shall ensure that all traffic control devices installed by him are operational 24 hours a day, including Saturday, Sunday and holidays. The Contractor shall provide a manned telephone on a continuous 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection and shall dispatch men, materials and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Village concerning any request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.

Traffic control devices shall be placed around materials temporarily stockpiled in street at all times. The Contractor shall supply certified flagmen in accordance with Section 701 of the Standard Specifications whenever the normal flow of traffic is disrupted by construction in any way.

All work related to safety shall be the sole responsibility of CONTRACTOR. The CONTRACTOR shall maintain emergency vehicle access by staging construction so that access to all property is provided on a 24-hour basis during the construction of this project. CONTRACTOR shall also maintain all entrances along with the proposed improvements. Interference with traffic movements and inconvenience to OWNERs of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused to the CONTRACTOR by complying with these requirements shall be considered incidental to the contract, and no additional compensation will be allowed.

Basis of Payment: This work shall be considered incidental to the contract.

PART 3. - FORFEITURE

The OWNERS retain the right to terminate this contract at any time for cause of unsatisfactory workmanship and/or performance, or the refusal or neglect of the CONTRACTOR to prosecute the work with the work force sufficient for its completion within the specified times or for failure of the CONTRACTOR to proceed with the work in accordance with the requirements and conditions of the specifications. Should the CONTRACTOR fail to meet the specifications and deadlines set forth, OWNERS reserves the right to notify CONTRACTOR in writing within 15 days that their services are not in compliance and termination of services has been initiated. A penalty of $100.00 per day will be assessed and deducted from payment until which time the work is completed according to the specifications or CONTRACTOR terminates services with the Village of Northbrook.

Issuance of the notice by the OWNER shall be indication of the intentions of the OWNER to take the work out of control of the CONTRACTOR and to re-let the work to other contractors. The cost of completing all the work and all expenses incurred by the OWNER in completing the contract shall be charged to the CONTRACTOR and shall be deducted and paid by the OWNER out of such monies as

may be due or may become due to said CONTRACTOR. Any deficiencies of monies required to complete the contract by others shall be paid to the OWNER by the CONTRACTOR forthwith and the bondsman will be held liable for any such deficiency. Should it become necessary for the OWNER to declare the contract in default, such default shall in no case relieve the CONTRACTOR or its bondsman of any of the conditions of the contract.

PATRIOT
PAVEMENT MAINTENANCE

Patriot Pavement Maintenance
Crack fill References

Village of Arlington Heights
33 South Arlington Hts Rd
Arlington Heights, IL 60005
Dave Scanlon
Phone: 847-368-5836

Village of Lake Zurich
70 E. Main Street
Lake Zurich, IL 60047
Mike Cernock
Phone: 847-540-1696

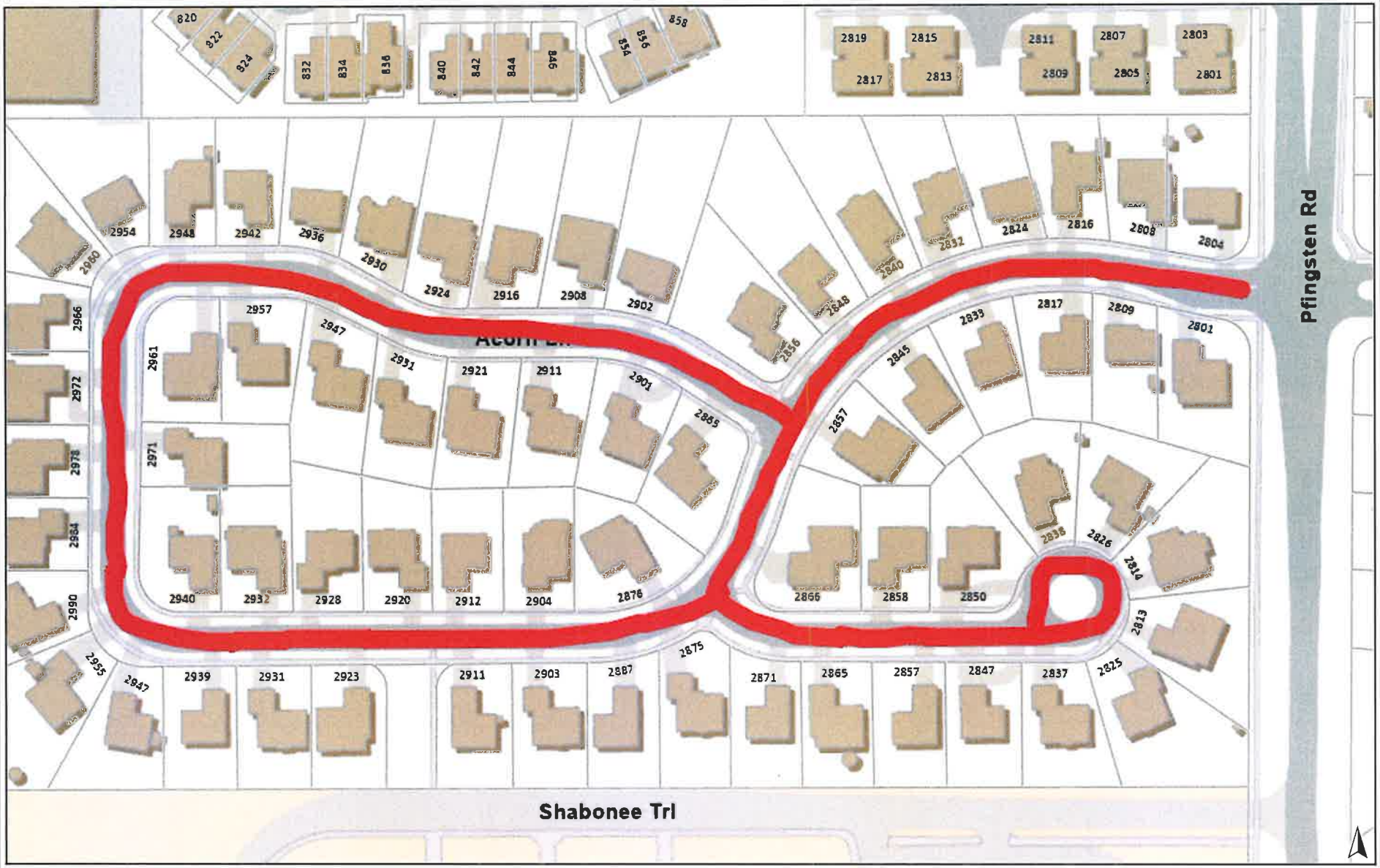
Village of Glenview
2498 East Lake Street
Glenview, IL 60026
Greg Jurek
Phone: 847-904-4500

Village of Mount Prospect
1700 West Central Road
Mount Prospect, IL 60056
Scott Moe
Phone: 847-870-5640

Village of Wheeling
2 Community Blvd
Wheeling, IL 60090
Kevin Pelli
Phone: 847-279-6912

Village of Niles
1000 Civic Center
Niles, IL 60714
Jamie Callero
Phone: 847417-1533

GISConsortium Crack Sealing Location Maps



0 200 400 ft

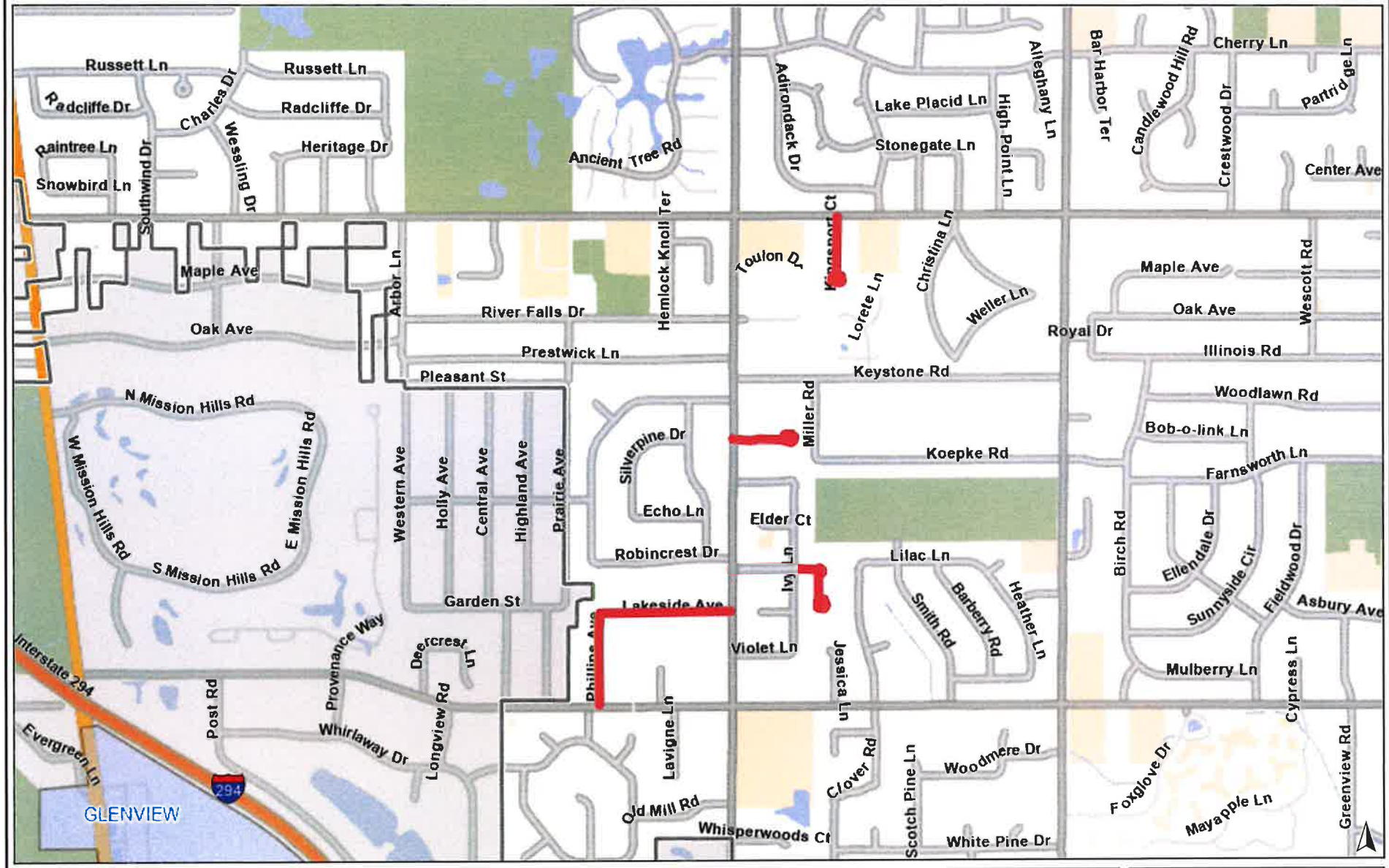
Print Date: 4/2/2026

Notes

Acorn Ln, Crabtree Ln, Crimson Ct

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

GISConsortium | Crack Sealing Location Maps



0 1500 3000 ft

Print Date: 4/2/2026

Notes

Huntington Ln, Palm Ln, Lakeside Ave, Phillips Ave

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MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Approving an Agreement for Engineering Services for the 2026 Sidewalk Gap Program with Kimley-Horn and Associates, Inc. of Deerfield, Illinois

Overview

The Village uses contractual engineering services for the design of the 2026 Sidewalk Gap Program which fills in gaps in the existing sidewalk network throughout the Village.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget contains sufficient funds in Account No. 40-7400-722-02 (Sidewalk Construction). Funds will be taken from this account as needed to pay for the services which will be completed with the not to exceed amount of $37,000 as outlined in Exhibit A.

Acct. Name	Acct. #	Budget	Available	Requested	Remaining	Within Budget?
Sidewalk Construction	40-7400-722-02	$887,801	$887,801	$37,000	$850,801	Yes

Recommendation

Approval.

Background

The Village maintains 190 miles of sidewalks within its limits to ensure they are safe and passable for the public. In various locations throughout the Village, there are segments with gaps that limit pedestrian travel. The Sidewalk Gap Program allows the Village to fill in these gaps and create a more connected system. As part of the adopted FY27 Budget, funding has been designated for the design of sidewalk gap improvements. The proposed services generally consist of performing topographic survey, locating utilities, and preparing construction documents.

The Village received two (2) proposals from firms to perform the Services. A summary of these proposals is included in Table 1.

Table 1. Summary of Proposals	
Firm	**Cost Proposal**
Kimley-Horn and Associates	$37,000
Gewalt Hamilton Associates	$43,650

Kimley-Horn and Associates, Inc. of Deerfield, Illinois ("Consultant") submitted the most responsive and responsible proposal that best demonstrated their understanding of the project, as well as their bicycle and pedestrian planning and design experience. The Consultant provided a scope and fee agreement with the not to exceed amount of $37,000. (“Agreement”). Based on these factors, staff recommends that the Village Board authorize the purchase of the Services from the Consultant in accordance with the Agreement attached to this Resolution as Exhibit A.

Staff recommends Village Board approval of A Resolution Approving an Agreement for Engineering Services for the 2026 Sidewalk Gap Program with Kimley-Horn and Associates, Inc. of Deerfield, Illinois. Staff will be in attendance at the Village Board meeting for any questions that may arise.

A Resolution Approving an Agreement for Engineering Services for the 2026 Sidewalk Gap Program with Kimley-Horn and Associates, Inc. of Deerfield, Illinois
Exhibit A - Contract with Kimley Horn for Techny Sidewalk

Resolution 2026- ____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving an Agreement for Engineering Services for the 2026 Sidewalk Gap Program with Kimley-Horn and Associates, Inc. of Deerfield, Illinois

is hereby adopted, as follows:

Section 1. Recitals.

The Village maintains 190 miles of sidewalks within its limits to ensure they are safe and passable for residents. In various locations throughout the Village, there are segments with gaps that limit pedestrian travel. The Sidewalk Gap Program ("***Program***") allows the Village to fill in these gaps and create a more connected system. As part of the Fiscal Year 2026/27 Budget, funding has been designated for the design of sidewalk gap improvements. The proposed services generally consist of performing topographic surveys, locating utilities, and preparing construction documents ("***Services***").

The Village received two proposals from firms to perform the Services. Kimley-Horn and Associates, Inc. of Deerfield, Illinois ("***Consultant***") submitted the most responsive and responsible proposal that best demonstrated their understanding of the Program, as well as their bicycle and pedestrian planning and design experience. The Consultant provided a scope and fee agreement for the Services, with the not to exceed amount of $37,000 ("***Agreement***").

The adopted Fiscal Year 2026-2027 Budget contains sufficient funds in Account No. 40-7400-722-02 in the total amount of $37,000 for Engineering Services for the 2026 Sidewalk Gap Program. The Funding for the Services will be taken from this account as needed. Based on these factors, staff recommends that the Village Board authorize the purchase of the Services from the Consultant in accordance with the Agreement attached to this Resolution as ***Exhibit A***.

The President and the Board of Trustees have considered the Agreement and determined that it is in the best interests of the Village and the public to enter into the Agreement with the Consultant.

Section 2. Approval of Agreement.

The Agreement with the Consultant is approved in a form acceptable to the Village Manager and the Village Attorney.

Section 3. Authorization to Execute Agreement.

The Village Manager and the Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Agreement only after receipt by the Village Clerk of at least three original copies of the Agreement executed by the Consultant and compliance by the Consultant with all conditions precedent to closing; provided, however, that if such executed copies of the Agreement are not received by the Village Clerk within 60 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
ABSTAIN:
ABSENT:
AWAY:

ATTEST:

Village President

Village Clerk

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CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

KIMLEY-HORN AND ASSOCIATES, INC.

ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

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CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

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ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

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CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

KIMLEY-HORN AND ASSOCIATES, INC.

ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

In consideration of the mutual promises set forth below, the Village of Northbrook, 1225 Cedar Lane, Northbrook, Illinois 60062, a unit of local government created and existing under the laws of the State of Illinois ("Owner"), and **Kimley-Horn and Associates, Inc., 570 Lake Cook Road, Suite 200, Deerfield, Illinois 60015**, a **Corporation** ("Consultant"), make this Contract as of the **28 day of April, 2026**, and hereby agree as follows:

ARTICLE I
THE SERVICES

1.1 Performance of the Services

Consultant shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Services":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, information, data, and other items necessary to accomplish the Project, as defined in Attachment A, in accordance with the Scope of Services attached hereto as Attachment B, the Submittal Requirements attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Approvals. Procure and furnish all approvals and authorizations specified in Attachment A.

3. Insurance. Procure and furnish all certificates and policies of insurance specified in this Contract.

4. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the standards of professional practice and in full compliance with, and as required by or pursuant to, this Contract.

1.2 Commencement and Completion Dates

Consultant shall commence the Services not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Services at such a rate as will allow the Services to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" or, if the Services are to be performed in separate tasks with separate completion

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dates, the "Completion Dates" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Consultant shall submit to Owner all reports, documents, data, and information specifically set forth in Attachment C or otherwise required to be submitted by Consultant under this Contract and shall, in addition, submit to Owner all such reports, documents, data, and information as may be requested by Owner to fully document the Services ("Required Submittals").

B. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in Attachment C or otherwise in this Contract. If no time for submission is specified for any Required Submittal, such Submittal shall be submitted within a reasonable time in light of its purpose and, in all events, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of any part of the Services to which such Required Submittal may relate. Owner shall have the right to require such corrections as may be necessary to make any Required Submittal conform to this Contract. No Services related to any Required Submittal shall be performed by Consultant until Owner has completed review of such Required Submittal with no exception noted. Owner's review and stamping of any Required Submittal shall not relieve Consultant of the entire responsibility for the performance of the Services in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

C. Responsibility for Delay. Consultant shall be responsible for any delay in the Services due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Incorporation of Contract Provisions

Consultant represents and warrants that it has carefully reviewed, and fully understood, this Contract, including all of its Attachments, all of which are by this reference incorporated into and made a part of this Contract.

1.5 Financial and Technical Ability to Perform

Consultant represents and warrants that it is financially solvent, and has the financial resources necessary, and that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff necessary, to provide, perform, and complete the Services in full compliance with, and as required by or pursuant to, this Contract.

1.6 Time

Consultant represents and warrants that it is ready, willing, able, and prepared to begin the Services on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Services in full compliance with, and as required by or pursuant to, this Contract for the Contract Price.

1.7 Consultant's Personnel and Subcontractors

A. Consultant's Personnel. Consultant shall provide all personnel necessary to complete the Services, including without limitation the "Key Project Personnel" identified in Attachment D. Consultant shall provide to Owner telephone numbers at which the Key Project Personnel can be reached. Consultant and Owner may by mutual written agreement make changes and additions to the designations of Key Project Personnel. Prior to terminating the employment of any Key Project Personnel, or reassigning any

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of the Key Project Personnel to other positions, or upon receiving notification of the resignation of any of the Key Project Personnel, Consultant shall notify Owner as soon as practicable in advance of such proposed termination, reassignment, or resignation. Consultant shall submit justification, including a description of proposed substitute personnel, in sufficient detail to permit evaluation by Owner of the impact of the proposed action on the Services. No such termination or reassignment shall be made by Consultant without prior written approval of Owner. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination, reassignment, resignation, or substitution.

B. Approval and Use of Subcontractors. Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors and subcontracts used by Consultant shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor or subcontract shall not relieve Consultant of full responsibility and liability for the provision, performance, and completion of the Services in full compliance with, and as required by or pursuant to, this Contract. All Services performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Consultant. Every reference in this Contract to "Consultant" shall be deemed also to refer to all subcontractors of Consultant. Every subcontract shall include a provision binding the subcontractor to all provisions of this Contract.

C. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the part of the Services undertaken by it in a manner satisfactory to Owner, Consultant shall immediately upon notice from Owner remove and replace such personnel or subcontractor. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such removal or replacement.

1.8 Owner's Responsibilities

Owner shall, at its sole cost and expense and except as otherwise provided in Attachment D: (a) designate in writing a person with authority to act as Owner's representative and on Owner's behalf with respect to the Services except those matters that may require Board approval of Owner; (b) provide to Consultant all criteria and full information as to Owner's requirements for the Project or work to which the Services relate, including Owner's objectives and constraints, schedule, space, capacity and performance requirements, and budgetary limitations relevant to the Project; (c) provide to Consultant all existing studies, reports, and other available data relevant to the Project; (d) arrange for access to and make all provisions for Consultant to enter upon public and private property as reasonably required for Consultant to perform the Services; (e) provide surveys describing physical characteristics, legal limitations, and utility locations for the Project and the services of geotechnical engineers or other consultants when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B and D; (f) provide structural, mechanical, chemical, air and water pollution tests, test for hazardous materials, and other laboratory and environmental tests, inspections, and reports required by law to be provided by Owner in connection with the Project; (g) review and comment on all Required Submittals and other reports, documents, data, and information presented by Consultant; (h) except as otherwise provided in Attachment A, provide approvals from all governmental authorities having jurisdiction over the Project when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B and D; (i) except as provided in Article IV of this Contract provide, all accounting, insurance, and legal counseling services as may be necessary from time to time in the sole judgment of Owner to protect Owner's interests with respect to the Project; (j) attend Project related meetings; and (k) give prompt written notice to Consultant whenever Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Services,

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provided, however, that failure to give such notice shall not relieve Consultant of any of its responsibilities under this Contract.

1.9 Owner's Right to Terminate or Suspend Services for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Services in whole or in part at any time by written notice to Consultant. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Consultant shall, as and to the extent directed, stop Services under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Services under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled. The Consultant shall have the right to terminate this Agreement upon 30 days' notice to the Owner upon breach by Owner of any of its obligations under this Agreement and Owner's failure to cure or failure to commence a good-faith effort to cure said breach within the 30 day period. In the event of such termination, the Consultant shall be paid for all services actually performed up to the effective date of the termination.

B. Payment for Completed Services. In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Consultant (1) such direct costs, including overhead, as Consultant shall have paid or incurred for all Services done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination; and (2) such other costs pertaining to the Services, exclusive of overhead and profit, as Consultant may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Project, the Services and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Services, an equitable adjustment in the Contract Price or Contract Time may be made. No decrease in the amount of the Services caused by any Change Order shall entitle Consultant to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

For any delay that may result from causes that could not be avoided or controlled by Consultant, including but not limited to natural disasters, adverse weather, or acts of the Owner, third parties, or governmental agencies, Consultant shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Services.

2.3 No Constructive Change Orders

No claims for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order. If Owner fails to issue a Change Order including, or fully including, an equitable adjustment in the Contract Price or Contract Time to which Consultant claims it is entitled, or, if Consultant believes that any requirement, direction, instruction, interpretation, determination, or decision of Owner entitles Consultant to an equitable adjustment in the Contract Price or Contract Time that has not been included, or fully included, in a Change Order, then Consultant shall

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submit to Owner a written request for the issuance of, or revision of, a Change Order, including the equitable adjustment, or the additional equitable adjustment, in the Contract Price or Contract Time that Consultant claims has not been included, or fully included, in a Change Order. Such request shall be submitted before Consultant proceeds with any Services for which Consultant claims an equitable adjustment is due and shall, in all events, be submitted no later than two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision. Notwithstanding the submission of any such request, Consultant shall, unless otherwise directed by Owner within two business days after receipt by Owner of such request, proceed without delay to perform the Services in compliance with the Change Order or as required, directed, instructed, interpreted, or decided by Owner and shall, pending a final resolution of the issue, keep a daily record of such Services. Unless Consultant submits such a request within two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision, Consultant shall be conclusively deemed (1) to have agreed that such Change Order, requirement, direction, instruction, interpretation, determination, or decision does not entitle Consultant to an equitable adjustment in the Contract Price or Contract Time and (2) to have waived all claims based on such Change Order, requirement, direction, instruction, interpretation, determination, or decision.

ARTICLE III

CONSULTANT'S RESPONSIBILITY FOR DEFECTIVE SERVICES

3.1 Consultant's Responsibilities.

A. Standard of Care. Consultant agrees that the Services and all components thereof shall conform to the requirements of this Contract; shall be fit, sufficient and suitable for the purposes expressed in, or reasonably inferred from, this Contract; shall be performed in accordance with the standards of professional practice, care and diligence practiced by recognized consulting firms performing services of a similar nature in existence at the time of performance of the Services; and the Services shall free from defects and flaws in design consistent with such standards of professional practice, care and diligence. The standards and obligations contained herein shall be in addition to any other requirements expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Opinions of Cost. It is recognized that neither Consultant nor Owner has control over the costs of labor, material, equipment or services furnished by others or over competitive bidding, market or negotiating conditions, or construction contractors' methods of determining their prices. Accordingly, any opinions of probable Project costs or construction costs provided for herein are estimates only, made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as an experienced and qualified professional, familiar with the industry. Consultant does not guaranty that proposals, bids or actual Project costs or construction costs will not vary from opinions of probable cost prepared by Consultant.

3.2 Corrections

Consultant shall be responsible for the quality, technical accuracy, completeness and coordination of all reports, documents, data, information and other items and services under this Contract. Consultant shall, promptly and without charge, provide, to the satisfaction of Owner, all corrective Services necessary as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care.

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3.3 Risk of Loss

The Services and everything pertaining thereto shall be provided, performed, and completed at the sole risk and cost of Consultant. Consultant shall be responsible for any and all damages to property or persons as a result of Consultant's negligent acts, errors, omissions, or failure to meet the standard of care and for any losses or costs to repair or remedy any work undertaken by Owner based upon the Services as a result of any such negligent acts, errors, omissions, or failure to meet the standard of care. Notwithstanding any other provision of this Contract, Consultant's obligations under this Section 3.3 shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Consultant, to indemnify, hold harmless or reimburse Consultant for such damages, losses or costs.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Insurance

Contemporaneous with Consultant's execution of this Contract, Consultant shall provide certificates and policies of insurance evidencing at least the minimum insurance coverages and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. **Such policies shall be in a form acceptable to Owner and from companies with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide and otherwise acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner.** Consultant shall, at all times while providing, performing, or completing the Services, including, without limitation, at all times while correcting any failure to meet the standard of care pursuant to Section 3.2 of this Contract, maintain and keep in force, at Consultant's expense, at least the minimum insurance coverages and limits set forth in Attachment A.

4.2 Indemnification

Consultant shall, without regard to the availability or unavailability of any insurance, either of Owner or Consultant; (A) as to Consultant's professional activities, indemnify, and save harmless Owner against lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, (collectively "Claims") to the extent caused by the Consultant's negligent performance of, or failure to perform, the Services or any part thereof; and (B) as to all other activities of Consultant, indemnify, save harmless and defend Owner against Claims that may arise, or be alleged to have arisen, out of or in connection with Consultant's performance of, or failure to perform, the Services or any part thereof, provided that Consultant shall not be required to indemnify Owner under provisions A or B of this Section for injury or damage to the extent caused by the negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Consultant, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Consultant shall accept in full satisfaction for providing, performing, and completing the Services, the amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

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5.2 Taxes, Benefits and Royalties

The Contract Price includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits and all costs, royalties, and fees arising from the use on, or the incorporation into, the Services, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Consultant.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in the manner set forth in Attachment A ("Progress Payments").

B. Pay Requests. Consultant shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner an invoice accompanied by such receipts, vouchers, and other documents as may be necessary to establish Consultant's prior payment for all labor, material, and other things covered by the invoice and the absence of any interest, whether in the nature of a lien or otherwise, of any party in any property, work, or fund with respect to the Services performed under this Contract. In addition to the foregoing, such invoice shall include (a) employee classifications, rates per hour, and hours worked by each classification, and, if the Services are to be performed in separate tasks, for each task; (b) total amount billed in the current period and total amount billed to date, and, if the Services are to be performed in separate tasks, for each task; (c) the estimated percent completion, and, if the Services are to be performed in separate tasks, for each task; and (d) Consultant's certification that all prior Progress Payments have been properly applied to the Services with respect to which they were paid. Owner may, by written notice to Consultant, designate a specific day of each month on or before which pay requests must be submitted.

5.4 Final Acceptance and Final Payment

The Services, or, if the Services are to be performed in separate tasks, each task of the Services, shall be considered complete on the date of final written acceptance by Owner of the Services or each task of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed. The Services or each task of the Services, as the case may be, shall be deemed accepted by Owner if not objected to in writing within 60 days after submission by Consultant of the Services or such task of Services for final acceptance and payment plus, if applicable, such additional time as may be considered reasonable for obtaining approval of governmental authorities having jurisdiction to approve the Services, or task of Services, as the case may be. As soon as practicable after final acceptance, Owner shall pay to Consultant the balance of the Contract Price or, if the Services are to be performed in separate tasks, the balance of that portion of the Contract Price with respect to such task of the Services, after deducting therefrom all charges against Consultant as provided for in this Contract ("Final Payment"). The acceptance by Consultant of Final Payment with respect to the Services or a particular task of Services, as the case may be, shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Consultant for anything done, furnished for, arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be, or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be.

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5.5 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any pay request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Consultant is liable under this Contract; (3) liens or claims of lien regardless of merit; (4) claims of subcontractors, suppliers, or other persons regardless of merit; (5) delay in the progress or completion of the Services; (6) inability of Consultant to complete the Services; (7) failure of Consultant to properly complete or document any pay request; (8) any other failure of Consultant to perform any of its obligations under this Contract; or (9) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.1 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.5A above until Consultant shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Consultant under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees, and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Consultant under this Contract.

5.6 Accounting

Consultant shall keep accounts, books, and other records of all its billable charges and costs incurred in performing the Services in accordance with generally accepted accounting practices, consistently applied, and in such manner as to permit verification of all entries. Consultant shall make all such material available for inspection by Owner, at all reasonable times during this Contract and for a period of three years following termination of this Contract. Copies of such material shall be furnished, at Owner's expense, upon request.

ARTICLE VI
REMEDIES

6.1 Owner's Remedies

If it should appear at any time prior to Final Payment for all work that Consultant has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Contract, or has attempted to assign this Contract or Consultant's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five business days after Consultant's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Consultant, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to accelerate all or

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any part of the Services; and to take any or all other action necessary to bring Consultant and the Services into strict compliance with this Contract.

2. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Services or part thereof and make an equitable reduction in the Contract Price.

3. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

4. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

5. Owner may recover any damages suffered by Owner.

6.2 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Consultant's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.9 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Consultant and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Consultant shall act as an independent contractor in providing and performing the Services. Nothing in or done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint venturers between Owner and Consultant or (2) to create any relationship between Owner and any subcontractor of Consultant.

7.3 No Collusion

Consultant hereby represents and certifies that Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Consultant is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. Consultant hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Consultant has, in procuring this Contract, colluded with

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any other person, firm, or corporation, then Consultant shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Consultant shall not (1) assign this Contract in whole or in part, (2) assign any of Consultant's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Consultant.

7.5 Confidential Information

All information supplied by Owner to Consultant for or in connection with this Contract or the Services shall be held confidential by Consultant and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Services. Notwithstanding the foregoing, this Agreement shall not apply to any portion of the Information which: Was in the public domain prior to Consultant's receipt, or which subsequently becomes part of the public domain by publication or otherwise without Consultant's wrongful act; or May be disclosed pursuant to governmental or judicial requirement or subpoena, provided Consultant has given Owner reasonable prior notice of the proposed disclosure and an opportunity to secure a protective order thereon.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Services by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming, or incomplete Services, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Consultant; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Consultant shall be made or be valid against Owner.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any main or branch United States post office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested. Notices and communications to Owner shall be addressed to, and delivered at, the following address:

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Village of Northbrook
Public Works Center
655 Huehl Road
Northbrook, Illinois 60062
Attention: Aram Beladi, Village Engineer

Notices and communications to Consultant shall be addressed to, and delivered at, the following address:

Kimley-Horn and Associates, Inc.
570 Lake Cook Road
Suite 200
Deerfield, Illinois 60015
Attention: Adam Kucharski, Project Manager

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section 7.8, Owner and Consultant each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address or addressee shall be effective until actually received.

7.9 Governing Laws

This Contract and the rights of Owner and Consultant under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

7.11 Compliance with Laws and Grants

Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Consultant's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

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Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Documents

Drawings, plans, specifications, photos, reports, information, observations, calculations, notes and any other reports, documents, data or information, in any form, prepared, collected, or received by Consultant in connection with any or all of the Services (the "Documents") shall be and remain the property of Owner. At Owner's request, or upon termination of this Contract, the Documents shall be delivered promptly to Owner. Consultant shall have the right to retain copies of the Documents for its files. Consultant shall maintain files of all Documents unless Owner shall consent in writing to the destruction of the Documents. Consultant shall make, and shall cause all of its subcontractors to make, the Documents available for Owner's review, inspection and audit during the entire term of this Contract and for three years after termination of this Contract; provided, however, that prior to the disposal or destruction of the Documents by Consultant or any of its subcontractors following said three year period, Consultant shall give notice to Owner of any Documents to be disposed of or destroyed and the intended date, which shall be at least 90 days after the effective date of such notice of disposal or destruction. Owner shall have 90 days after receipt of any such notice to give notice to Consultant or any of its subcontractors not to dispose of or destroy said Documents and to require Consultant or any of its subcontractors to deliver same to Owner, at Owner's expense.

7.13 Time

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.14 Severability

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

7.15 Entire Agreement

This Contract sets forth the entire agreement of Owner and Consultant with respect to the accomplishment of the Services and the payment of the Contract Price therefor, and there are no other understandings or agreements, oral or written, between Owner and Consultant with respect to the Services and the compensation therefor.

7.16 Amendments

No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Consultant.

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IN WITNESS WHEREOF, Owner and Consultant have caused this Contract to be executed in two original counterparts as of the day and year first written above.

(SEAL)

Attest/Witness:

VILLAGE OF NORTHBROOK:

By: _____
Derek Gau
Title: Village Clerk

By: _____
Cara L. Pavlicek
Title: Village Manager

Attest/Witness:

KIMLEY-HORN AND ASSOCIATES, INC.:

By: DocuSigned by: Jake Panter D13A05A0CAF7427...

Title: Associate

By: DocuSigned by: Emma Albers 4C28FC246E84422...

Title: Associate

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ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. Project Background:

The Village maintains 190 miles of sidewalks within its limits to ensure they are safe and passable for residents. In various locations throughout the Village, there are segments with gaps that limit pedestrian travel. The Sidewalk Gap Program allows the Village to fill in these gaps and create a more connected system. As part of the Fiscal Year 2026/27 Budget, funding has been designated for the design of sidewalk gap improvements. The proposed services generally consist of performing topographic survey, locating utilities, and preparing construction documents.

2. Approvals and Authorizations:

Work performed on this contract shall be performed on a task order basis. Owner will provide the consultant with scope of work and the consultant shall provide the Owner with a not to exceed manhour and cost for the task. Work shall not commence on a task until the Owner has issued a notice to proceed to the Consultant.

3. Commencement Date:

The date of execution of the Contract by Owner.

4. Completion Date:

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

5. Insurance Coverages:

A. Worker's Compensation and Employer's Liability with limits not less than:

(1) Worker's Compensation: Statutory;

(2) Employer's Liability:
$1,000,000 injury-per occurrence

$500,000 disease-per employee

$1,000,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than $1,000,000 for vehicles owned, non-owned, or rented.

All employees shall be included as insureds.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

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General Aggregate: $2,000,000 Bodily Injury and Property Damage Combined Single Limit for this Project.

Coverages shall include:

- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)

D. Professional Liability Insurance. With a limit of liability of not less than $1,000,000 per occurrence and $2,000,000 in the aggregate and covering Consultant against all sums that Consultant may be obligated to pay on account of any negligent liability arising out of the Contract.

E. Umbrella Policy. The required coverages may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

F. Owner as Additional Insured. Owner shall be named as an Additional Insured and a Cancellation Notice recipient on all policies except for:

Worker's Compensation
Professional Liability

Each such additional Insured endorsement shall identify Owner as follows: The Village of Northbrook, including its Board members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives.

G. Other Parties as Additional Insureds. In addition to Owner, the following parties shall be named as additional insured on the following policies:

N/A

All additional public or private property owners as needed on all policies with the exception of Worker's Compensation and Professional Liability.

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6. **Contract Price**:

SCHEDULE OF PRICES

For providing, performing, and completing each task of Services, an amount equal to Consultant's Direct Labor Costs, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each task of Services, the following not to exceed amount set forth opposite each such task except as adjusted by Change Order issued pursuant to Section 2.1 of the Contract:

TOTAL NOT TO EXCEED CONTRACT PRICE: $37,000

__Thirty Seven Thousand_____Dollars and ___Zero_____ Cents
(in writing) (in writing)

_____37,000_____Dollars and _____0_____Cents
(in figures) (in figures)

7. **Payments:**

For purposes of payments to Consultant, the value of the Services shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel as set forth on the list supplied by Consultant attached hereto and referenced as Attachment A1, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

Reimbursable Expenses shall mean the actual expenses incurred by Consultant directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

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ATTACHMENT B

SCOPE OF SERVICES

Consultant shall cooperate and work closely with representatives of Owner and other parties involved in the Project. Consultant shall meet with Owner and such other parties, and shall provide such consultation, advice, and reports, as required to adequately perform its responsibilities under the Contract. Consultant shall produce and deliver to Owner the results of its Services, plus any reports, documents, data, information, observations, or opinions set forth below or requested by Owner, in form or format as set forth below or, if none, in form or format of Owner's choosing. **In the event of any conflict or contradiction between or among the various provisions from the Village of Northbrook RFP and the consultant's Proposal, which is attached hereto and referenced as Attachment B-1 in this Scope of Services, the inclusive description shall control.**

After written authorization to proceed, Consultant shall provide, perform and complete the following:

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Kimley»Horn

February 18, 2026

Aram Beladi, P.E.
Village of Northbrook
655 Huehl Road
Northbrook, IL 60062

Re: Agreement for Professional Consulting Services
Sidewalk Extension at 2525 Techny Road

Dear Mr. Beladi:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "the Consultant") is pleased to submit this Agreement (the "Agreement") to the Village of Northbrook ("the Client") in accordance with the terms of the *Contract for Professional Engineering Services for On Call Bicycle and Pedestrian Engineering*, dated April 28, 2023, for professional consulting services for the proposed Sidewalk Extension at 2525 Techny Road located in Northbrook (Cook County), Illinois.

PROJECT UNDERSTANDING

Kimley-Horn understands that the Client intends to extend the sidewalk located along the south side Techny Road at Greenview Road for approximately 150 feet to provide a continuous connection to the existing sidewalk to the east and west of the property located at 2525 Techny Road. The Village has completed the eminent domain process for the property to secure sufficient right-of-way for the sidewalk extension. The intent is to extend the sidewalk through the property with construction anticipated in Summer 2026. The attached location map in Exhibit A will serve as the basis of this Agreement. All roads within the project limits are under the Client's jurisdiction and the Client will be the permitting agency.

SCOPE OF SERVICES

*B*ASE SERVICES

Task 1 – Topographic Survey

Kimley-Horn's surveyor will perform a topographic survey for the limits shown in Exhibit B. The topography will be obtained using field methods (not photogrammetry) based on a nominal 50-foot grid. Mapping will be prepared at a suitable scale with one-foot contours and spot elevations where appropriate. Utilities will be located where apparent from the surface and will be compared to what is shown on atlases or record drawings (if available). The assembled topographic data will be suitable for use in preparing the construction documents.

Kimley-Horn will engage a private utility locate company to locate known existing dry utilities within the limits shown in Exhibit B. Utilities will be located horizontally using ground-penetrating radar, electromagnetic, and/or sonde locating equipment. All utilities identified under this task will be indicated on the ground with marking flags and/or paint as per the national color code and shown

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on the ALTA/NSPS Survey (per Table A item 11b). Identifying the depths of the existing utilities is not included in this task. This task does not guarantee the identification of all utilities.

Task 2 – Construction Documents

Kimley-Horn will prepare one set of design drawings for the improvements as described in the *Project Understanding* in accordance with the published Client and IDOT standards. The plans shall be at an appropriate engineering scale to depict the proposed improvements in sufficient detail. The drawings will consist of the following sheets and their respective contents:

1. *Cover Sheet*

2. *General Notes*
   - Kimley-Horn will incorporate construction, utility, drainage, and general notes as required by agencies having authority.

3. *Existing Conditions/Demolition Plan*
   - Kimley-Horn will develop a plan that will show surface and subsurface facilities scheduled for demolition.

4. *Proposed Plan*
   - Kimley-Horn will prepare a plan showing the limits in Exhibit A depicting detailed geometry for the sidewalk extension. The plan will include all necessary pavement markings and signage per MUTCD and ILMUTCD requirements. No proposed cross-sections are included.

5. *Curb Ramp Details*
   - Up to two (2) curb ramps will be designed along both sides of Greenview Road in accordance with Americans Disabilities Act (ADA) and PROWAG requirements.

6. *Maintenance of Traffic Plan*
   - IDOT standard details will be used for traffic control. A need for additional detailed maintenance of traffic plan sheets will be an additional service.

7. *Utility Plan*
   - Kimley-Horn will identify any utility conflicts, including the known existing ComEd overhead utility pole, and prepare a plan showing any necessary utility relocations. Proposed lighting is not included in this scope.

8. *Landscaping Plan*
   Kimley-Horn will include restoration of landscaping and any tree replacement as directed by the Client.

9. *Details*
   - Kimley-Horn will prepare details required for construction or via references to state, county, or village standard details.

10. *Engineer's Opinion of Probable Cost (EOPCC)*

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- Based on the roadway improvements described in the *Project Understanding*. Kimley-Horn has no control over the cost of labor, materials, equipment, or over the contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided in this task are based on the information known to Kimley-Horn at the time and represent only Kimley-Horn's judgment as a design professional firm familiar with the construction industry. Kimley-Horn cannot guarantee that proposals, bids, or actual construction costs will not vary from its opinion.

11. *Specifications*
    - Kimley-Horn will prepare technical special provisions (i.e. specifications) related to our scope of work. It is anticipated that most standard roadway items will be governed by IDOT standard specifications, current edition, which will be referenced in the construction plans.

This task consists of preparation of plans and response for up to two (2) rounds of ordinary comments.

It is understood the project will not require new permit approvals from outside agencies as there are no floodplain or other flood hazard areas. The limits of disturbance are less than one acre and will not require an NPDES permit from the IEPA. Any additional permitting from these assumptions will be considered an additional service.

All work is anticipated to be within the public right-of-way as the Village as recently acquired the right-of-way needed for the sidewalk extension. If required, coordination and effort to obtain any necessary easements will be completed by the Client.

No drainage analysis is anticipated. The existing conditions consist of open drainage at 2525 Techny Road. Should it be determined that drainage analysis and plans are required it will be completed as an additional service.

Task 3 – Utility Coordination

Kimley-Horn will request record plans from the dry utility owners that have facilities in the vicinity of the project limits and review existing private utilities located within the project limits. Kimley-Horn will rely solely on plans and information received from others. Once identified, all utility owners with facilities within the project limits will be contacted including a request for all available utility owner supplied data related to existing facilities. Data will be reviewed and incorporated into the Construction Documents.

Kimley-Horn will submit the proposed design drawings to the applicable dry utility owners and coordinate approvals. It is anticipated that up to one (1) ComEd overhead utility pole will require relocation. Kimley-Horn will coordinate with the dry utility owners for the relocation of existing overhead utilities with the project limits as required to support the proposed improvements.

Task 4 - Limited Construction Administration Services

Kimley-Horn will review Shop Drawings, Submittals, Samples and other data which the Contractor is required to submit, for conformance with the information given in the Contract Documents as it related to the Construction Documents. Such review will not extend to means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction or to related safety precautions and programs. Kimley-Horn will respond to reasonable and

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appropriate Contractor requests for information and issue necessary clarifications and interpretations of the Contract Documents to the Client as appropriate to the orderly completion of the Contractor's work. Any orders authorizing variations from the Contract Documents will be made by the Client. Kimley-Horn will review the As-Built documents at the end of the project. We anticipate up to 10 hours of effort for this Task. Should additional effort be required, Consultant will provide this effort as Additional Services.

ADDITIONAL SERVICES

Any services not specifically provided for herein, as well as changes in the scope of proposed services and revisions requested by the Client after substantial completion of the proposed services, will be considered Additional Services and will be performed at our then-current hourly rates. Potential services not addressed in this Agreement, but which may be required include, but are not limited to:

1. Irrigation Services
2. Environmental Engineering Services
3. Geotechnical Engineering Services
4. Storm Water Management Design
5. Easement Documents and/or Coordination
6. Platting, Construction Staking or Survey Services beyond those mentioned above
7. Tree Survey and/or Tree Protection Plan
8. Dry Utility Design
9. SWPPP Monitoring and/or Observation Logs
10. State Department of Transportation coordination
11. Traffic and/or Parking Study
12. Retaining Wall Design
13. Any services not specifically mentioned in the Scope of Services above

INFORMATION PROVIDED BY CLIENT

Kimley-Horn shall be entitled to rely on the completeness and accuracy of all information provided by the Client. The Client shall provide all information requested by Kimley-Horn during the project, including but not limited to the following:

1. Relevant surveys, studies, reports, or data in the Client's possession
2. Full access to the site
3. Executed copy of this Agreement

FEES AND INVOICING

Kimley-Horn will perform the above services on a labor fee plus expense basis with the maximum labor fee of **$35,000**. Kimley-Horn will not exceed the total maximum labor fee shown without authorization from the Client.

Direct reimbursable expenses such as express delivery services, fees, air travel, and other direct expenses will be billed at 1.15 times cost. A percentage of labor fee (5%) will be added to each invoice to cover certain other expenses such as telecommunications, in-house reproduction,

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postage, supplies, project related computer time, and local mileage. Administrative time related to the project will be billed hourly.

All permitting, application, and similar project fees will be paid directly by the Client. Should the Client request Kimley-Horn to advance any such project fees on the Client's behalf, an invoice for such fees, with a fifteen (15%) markup, will be immediately issued to and paid by the Client.

Task	BASE SERVICES	Fee	Fee Type
1	Topographic Survey	$5,000	Lump Sum
2	Construction Documents	$25,000	Lump Sum
3	Utility Coordination	$5,000	Lump Sum
	Estimated Total (w/o expenses)	**$35,000**	
	OPTIONAL SERVICES		
	Limited Construction Admin Services	**$2,000**	

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services completed or actual services performed and expenses incurred as of the invoice date. Payment will be due and payable within 25 days of your receipt of the invoice.

CLOSURE

If you concur in the foregoing and wish to direct us to proceed with the aforementioned services, please execute of this letter Agreement in the space provided and return a copy to us. Execution of this Agreement formalizes our working arrangement.

We appreciate the opportunity to provide these services to you.

Sincerely,

Kimley-Horn and Associates, Inc.

Adam Kucharski, PE
Project Manager

Emma Albers, PE, PTOE
Associate

Attachments: Exhibit A - Site Plan
Exhibit B – Survey Limits
Standard Provisions

~~ Signature on following page ~~

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Kimley»Horn

Agreed to this _____ day of _____, 20____

Village of Northbrook

By: _____

Printed Name and Title: _____

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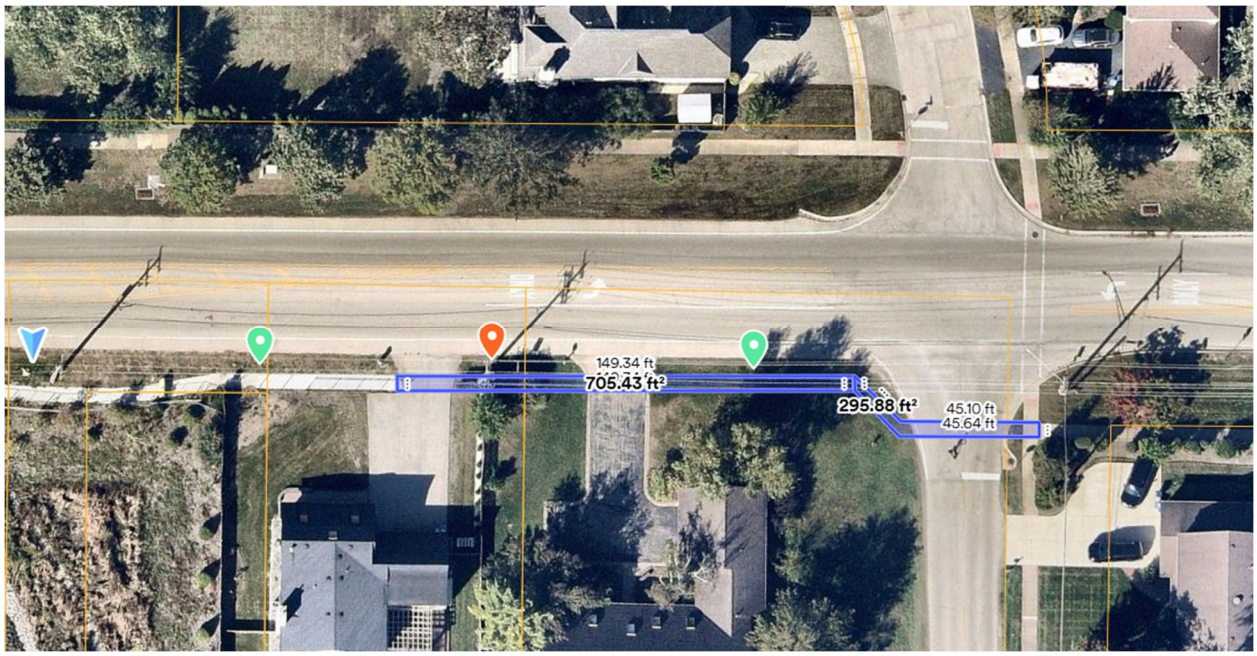
Kimley»Horn

EXHIBIT A – PROJECT LOCATION



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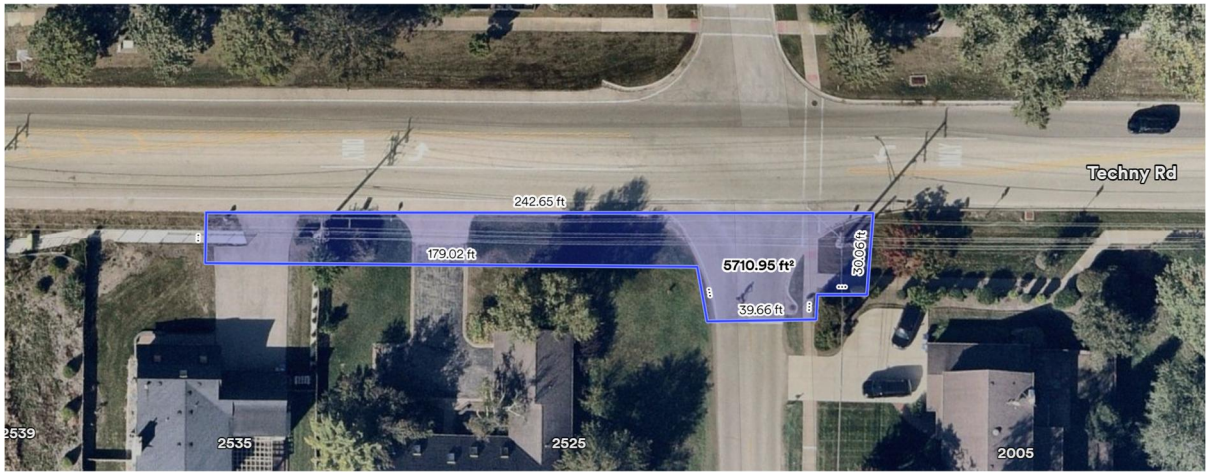
Kimley»Horn

EXHIBIT B – SURVEY LIMITS



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ATTACHMENT C

SCHEDULE

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

The completion dates for the respective Project Tasks to be negotiated with the consultant:

Note: Written authorization from the Village is required before proceeding with each phase.

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ATTACHMENT D

SPECIAL PROJECT REQUIREMENTS

1. Key Project Personnel Contact Information:

Name/Project Function:	Telephone:	E-Mail:
Emma Albers/Associate	630-487-3435	Emma.Albers@kimley-horn.com
Peter Lemmon/Senior Advisor	708-982-7779	Adam.Kucharski@kimley-horn.com

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Approving a Contract with Robe, Inc. of Chicago, Illinois for Removal and Replacement Filter Drain Valves and Related Components at the Village's Water Treatment Plant

Overview
The Village is contracting for the labor and materials for the removal and replacement of two drain valves, gearboxes, and actuators for Filters 2 and 3 which are original to the 1963 section of the Village's Water Treatment Plant.

Fiscal Impact
The adopted Fiscal Year 2026-2027 Budget includes sufficient funds in Water Production Account No. 21-4170-729-00 (Plant Construction) for the materials and labor to replace the filter drain valves, gearboxes, and actuator components at the Water Treatment Plant in the amount of $77,043. Staff is also recommending a 10% contingency in the amount of $7,704 to cover the cost of any unknown field conditions that may become apparent as the disassembly of the mechanical components begins, for a combined total of $84,747.

Recommendation
Approval.

Background
The Village's original Water Treatment Plant was built in several phases. The original footprint was constructed in 1963 and two additions later constructed in 1973 and 1993. The Water Treatment Plant has a total of 9 filters which operate to remove impurities from the water supply by passing it through porous materials like sand, gravel, and activated carbon. They reduce turbidity (cloudiness), improve taste and odor, and eliminate contaminants, ensuring safe and clear drinking water.

Filters 2 and 3 are located in the original 1963 section of the Water Plant. There are two broken drain valves, two gearboxes, and two actuators. Due to the two broken drain valves, gearboxes and actuators, filters 2 and 3 are currently not operational. The drain valves, gearboxes and actuators are original to the construction of the water plant, and had been in service for 63 years. The repair of these filter drain valves are required as they are deemed critical components. At this time of year, there is c urrently low demand, with approximately five

million gallons of water being produced per day and there is minimal disruption associated with the two filters out of service. Parts are expected to be available within approximately three weeks and installation will take take approximately one week.

The Village contacted Gordian (a joint purchasing group available to governments, businesses, and other agencies) and worked with one of their pre-qualified job order contractors – Robe, Inc. of Chicago, Illinois ("Contractor") to prepare the scope of work and obtain pricing for the repairs to the filters. The Gordian job order contract was bid out by the Cooperative Council of Governments of Ohio, through the Equalis Group, and awarded Master agreement #COG-2131B.

The Contractor visited the work site and provided a quote for the required work in the amount of $77,043. Staff is also recommending a contingency of ten percent (10%), in the amount of $7,704, for a total cost of $84,747. The proposed contract material-parts (i.e. valves, gearboxes and actuators) will be procured in the current FY26 with the installation and completion of the project in FY27. Staff is confident that Robe, Inc. will meet the Village's expectations for the installation work needed to support the removal and replacement of the filter drain valves gearboxes and actuators.

Staff will be present at the Board meeting should any questions arise.

A Resolution Authorizing a Contract with Robe Inc
Exhibit A - Signed Contract for Valve and Actuator Replacement

Resolution 2026 -

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving a Contract with Robe, Inc. of Chicago, Illinois for Removal and Replacement Filter Drain Valves and Related Components at the Village's Water Treatment Plant

is hereby adopted, as follows:

Section 1. Recitals.

The Village's adopted Fiscal Year 2026-2027 Budget provides funds for Plant Construction work at the Village's Water Treatment Plant. Two filters, numbers 2 and 3 and the associated components in the 1963 section of the Village's Water Treatment Plant, are original to the Plant and no longer operational. The drain valves, gearboxes, and actuators for both filters require the removal and replacement to safeguard against any future damage and ensure the facilities are in good operating condition ("***Repairs***"). The filter drain valves are critical components used to remove accumulated contaminates from the filter media and used to manage the cleaning cycle.

The Village contacted Gordian (a joint purchasing group available to governments, businesses, and other agencies) and worked with one of their pre-qualified job order contractors – Robe, Inc. of Chicago, Illinois ("***Contractor***") – to prepare the scope of work and obtain pricing for the repairs to the filters. The Gordian job order contract was bid out by the Cooperative Council of Governments of Ohio, through the Equalis Group, and awarded Master agreement #COG-2131B. Gordian's contract satisfies the requirements of the Village's purchasing policy.

Village staff recommend entering into a contract with the Contractor for the Repairs in the amount of $77,043 ("***Contract***"). There are sufficient funds in the adopted Fiscal Year 2026-2027 Budget in Water Production Account No. 21-4170-729-00 (Plant Construction) for the Repairs. Staff is also recommending a contingency of ten percent, in the amount of $7,704, to resolve any unforeseen field conditions or emergency repairs, for a total not to exceed cost of $84,747.

The President and the Board of Trustees have considered the Contract and the expenditure and determined that their approval is in the best interest of the Village and the public.

Section 2. Approval of Contract.

The Contract with the Contractor is approved in a form acceptable to the Village Attorney and the Village Manager.

Section 3. Authorization to Execute Contract.

The Village Manager is hereby authorized to execute and seal, on behalf of the Village, the Contract only after receipt by the Village Clerk of at least three original copies of the Contract executed by the Contractor and compliance by the Contractor with all conditions precedent to closing; provided,

however, that if such executed copies of the Contract are not received by the Village Clerk within 60 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Section 4. Authorization to Execute Change Orders.

The Village Manager and Village Clerk are authorized to execute change orders in the amount of up to $7,704 subject to the Village Manager making the necessary determination that the increase in work contemplated by the change order complies with Section 33E-9 of Article 33E of the Criminal Code of 1961 and placing a copy of such determinations in the project file.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
NAYS:
ABSTAIN:
ABSENT:

ATTEST:

_____
Village President

_____
Village Clerk

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

Full Name of Contractor: Robe, Inc. ("Contractor")

Principal Office Address 6150 N Northwest Hwy, Chicago, IL, 60631

Local Office Address 6150 N Northwest Hwy, Chicago, IL, 60631

Contact Person Sean White Phone 773-775-8900 E-Mail: seanwhite@robeinc.com

TO: Northbrook Public Works
655 Huehl Road
Northbrook, Illinois 60062
Attention: Joseph Rizzo, Superintendent

1. Work Proposal

A. Contract and Work: If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall, at its sole cost and expense, provide, perform, and complete, in the manner specified and described, and upon the terms and conditions set forth, in this Contract and Owner's written notification of acceptance in the form included in this bound set of documents, all of the following, all of which is herein referred to as the "Work":

i. Labor, Equipment, Materials and Supplies: Provide, perform, and complete, in the manner specified and described in this Contract and the Specifications, all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary for completing the removal and replacement service of 2 filter drain valves, 2 gearboxes and 2 actuators for filters 2 and 3 at the Water Treatment Plant in the Village of Northbrook; "***Work Site***").

ii. Permits: Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith;

iii. Bonds and Insurance: Procure and furnish all bonds and all insurance certificates specified in this Contract;

iv. Taxes: Pay all applicable federal, state, and local taxes;

v. Miscellaneous: Do all other things required of Contractor by this Contract; and

vi. Quality: Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with highest standards of professional and construction practices, in full compliance with, and as required by or pursuant, to this Contract, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged, and first quality equipment, materials, and supplies.

B. Prevailing Wages: In accordance with the Prevailing Wage Act, 820 ILCS 130/0.01 et seq., not less than the prevailing rate of wages for similar work in the locality in which the Work is to be performed shall be paid to all laborers performing work under this contract. The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing

services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Illinois Department of Labor publishes the prevailing wage rates on its website at http://labor.illinois.gov/. The Department revises the prevailing wage rates, and the Contractor/Subcontractor has an obligation to check the Department's website for revisions to prevailing wage rates. For information regarding current prevailing wage rates, Contractor shall refer to the Illinois Department of Labor's website. Contractor and any subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage requirements and notice and record keeping duties.

C. Performance Standards: If this Contract is accepted, Contractor proposes, and agrees, that all Work shall be fully provided, performed, and completed in accordance with the Specifications attached hereto as Attachment A and by this reference made a part of this Contract.

D. Responsibility for Damage or Loss: If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall be responsible and liable for, and shall promptly and without charge to Owner repair or replace, damage done to, and any loss or injury suffered by, Owner, the Work, the Work Site, or other property or persons as a result of the Work.

E. Inspection/Testing/Rejection: Owner shall have the right to inspect all or any part of the Work and to reject all or any part of the Work that is, in Owner's judgment, defective or damaged or that in any way fails to conform strictly to the requirements of this Contract and Owner, without limiting its other rights or remedies, may require correction or replacement at Contractor's cost, perform or have performed all Work necessary to complete or correct all or any part of the Work that is defective, damaged, or nonconforming and charge Contractor with any excess cost incurred thereby, or cancel all or any part of any order or this Contract. Work so rejected may be returned or held at Contractor's expense and risk.

2. Contract Price Proposal

If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below.

A. Schedule of Prices: For providing, performing, and completing all Work, the sum of products resulting from multiplying the number of acceptable units by the Unit Prices set forth in Attachment C.

B. Basis for Determining Prices: It is expressly understood and agreed that:

i. All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change.

ii. Contractor has thoroughly examined this Contract and has thoroughly inspected the Work Site, prior to submission of its bid.

iii. Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional

iv. compensation by reason of the payment of any such tax is hereby waived and released; and

v. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in the Schedule of Prices; and

vi. Owner reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Contract, and that all claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released.

C. Time of Payment: It is expressly understood and agreed that all payments shall be made in accordance with the following schedule:

i. All payments may be subject to deduction or set off by reason of any failure of Contractor to perform under this Contract. Each payment shall include Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and Contractor's certification that all prior payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid.

ii. Contractor shall submit to Owner, on a monthly basis, certified payroll records as defined in, and required by, Section 5 of the Prevailing Wage Act, as amended, 820 ILCS 130/5.

iii. All payments shall be made in accordance with the following schedule: Payment to be made within 30 days of submission of acceptable written and/or digital reports as outlined in Attachment A and receipt of an approved invoice in accordance with the Local Government Prompt Payment Act. Owner shall let the Contractor know if reports are acceptable within seven working days of submission. All payments may be subject to deduction or set off by reason of any failure of Contractor to perform under this Contract. Each payment shall include Contractor's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and Contractor's certification that all prior payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid. **No trailing waivers shall be permitted.**

3. Contract Time Proposal

A. Term: If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall commence the Work within 10 days following Owner's acceptance of this Contract provided Contractor shall have furnished to Owner all applicable bonds and/or Letters of Credit and all insurance certificates specified in this Contract (the "***Commencement Date***"). If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall perform the Work diligently and continuously in accordance with the schedule approved pursuant to the Specifications. The term of this Contract shall terminate on ***Completion Date*** July 31, 2026.

4. Financial Assurance

A. Bonds: If this Contract is accepted, and for each year in which the Contract is renewed, Bidder proposes, and agrees, that Bidder shall provide a Performance Bond and a Labor and Material Payment Bond, on forms substantially conforming to those attached hereto as Appendices 2 and 3, from a surety company acceptable to Owner, each in the sum of the Total Contract Price for the then-current term, within 10 days following Owner's acceptance of this Contract or the execution of any renewal of this Contract. Bidder may, at Owner's sole discretion, in lieu of Bonds, provide a Letter of Credit, on forms approved by Owner from a financial institution acceptable to Owner, in the sum of the Total Contract Price for the then-current term, within 10 days following Owner's acceptance of this Contract or the execution of any renewal of this Contract.

B. Insurance: If this Contract is accepted and for each year in which this Contract is renewed, Contractor proposes, and agrees, that Contractor shall provide certificates of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following Owner's acceptance, or the execution of any renewal, of this Contract. Such policies shall be in a form, and from companies, acceptable to Owner and from companies with a general rating of A minus, a financial size category of Class X or better according to Best's Insurance Guide. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Contractor's duty to carry adequate insurance or on Contractor's liability for losses or damages under this Contract. The minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the Work are as follows:

i. Workers' Compensation and Employer's Liability

Limits shall not be less than:

a. Worker's Compensation: Statutory;

b. Employer's Liability: $500,000 ea. Accident injury
$500,000 ea. Employee disease
$500,000 disease-policy

Such insurance shall evidence that coverage applies to the State of Illinois.

ii. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than $2,000,000 for vehicles owned, non-owned, or rented.

iii. Comprehensive General Liability

Limits shall not be less than:

$2,000,000 Bodily Injury and Property Damage Combined Single Limit.

Coverage is to be written on an "occurrence" basis.

Coverage to include:

- Premises Operations
- Products/Completed Operations
- Independent Contractors
- Personal Injury (with Employment Exclusion deleted)
- Broad Form Property Damage

Endorsement

- "X," "C," and "U"
- Contractual Liability

Contractual Liability coverage shall specifically include the indemnification set forth below.

iv. Umbrella Liability

Limits shall not be less than:

$2,000,000 Bodily Injury and Property Damage Combined Single Limit.

This Policy shall apply in excess of the limits stated in 1, 2, and 3 above.

v. Owner as Additional Insured. Owner shall be named as an Additional Insured and a cancellation notice recipient on all policies except for Worker's Compensation, and Employer's Liability.

Each such additional Insured endorsement shall identify Owner as follows: Village of Northbrook, including its Board Members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives. Additional insured coverage shall be provided on endorsements at least as broad as ISO form CG2010 or CG2026 (pre 2004 editions).

vi. Other Parties as Additional Insureds. In addition to the Owner, the following parties shall be named as additional insureds on the following policies.

Additional Insured (if none so state)	Policy or Policies

C. Indemnification: If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall indemnify, save harmless, and defend Owner against all third party claims, damages, liability, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, to the extent caused by the negligence or willful misconduct of Contractor, or any failure to meet the representations and warranties set forth in Section 6 of this Contract.

D. Penalties: If this Contract is accepted, Contractor proposes, and agrees, that Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's performance of, or failure to perform, the Work or any part thereof.

5. Firm Proposal

All prices and other terms stated in this Contract are firm and shall not be subject to withdrawal, escalation, or change provided Owner accept this Contract within 45 days after the date this sealed Contract is opened.

6. Personnel; Subcontractors.

A. Key Project Personnel. Contractor shall provide the names and credentials/experience of its personnel who will be primarily responsible for carrying out the Work on behalf of Contractor ("***Key Project Personnel***") in ***Attachment B***. The Key Project Personnel shall not be changed without the Owner's prior written approval.

B. Availability of Personnel. Contractor shall provide all personnel necessary to complete the Work including, without limitation, any Key Project Personnel identified in this Contract. Contractor shall notify the Owner as soon as practicable prior to terminating the employment of, reassigning, or receiving notice of the resignation of, any Key Project Personnel. Contractor shall have no claim for damages and shall not bill the Owner for additional time and materials charges as the result of any portion of the Work which must be duplicated or redone due to such termination or for any delay in the performance of the Work as a result of any such termination, reassigning, or resignation.

C. Approval and Use of Subcontractors. Contractor shall perform the Work with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by the Owner in writing. All subcontractors and subcontracts used by Contractor shall be acceptable to, and approved in advance by, the Owner. The Owner's approval of any subcontractor or subcontract shall not relieve Contractor of full responsibility and liability for the provision, performance, and completion of the Work as required by the Contract. All Work performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Contractor. For purposes of this Contract, the term "Contractor" shall be deemed also to refer to all subcontractors of Contractor, and every subcontract shall include a provision binding the subcontractor to all provisions of this Contract.

D. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the Work in a manner satisfactory to the Owner, Contractor shall immediately upon notice from the Owner remove and replace such personnel or subcontractor. Contractor shall have no claim for damages, for compensation in excess of the amount contained in this Contract or for a delay or extension of the term of this Contract as a result of any such removal or replacement.

7. Contractor's Representations and Warranties

In order to induce Owner to accept this Contract, Contractor hereby represents and warrants as follows:

A. The Work: The Work, and all of its components, shall be new, free from any latent or patent defects and flaws in workmanship, materials; shall strictly conform to the requirements of this Contract, including, without limitation, and the performance standards set forth in Subsection 1B of this Contract. All parts and equipment supplied in this Contract will be subject to the

manufacturer's express warranty. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

B. Conflict of Interest. To the best of Contractor's knowledge, (1) no employee or agent of the Owner is interested in the business of Contractor or this Contract; (2) as of the date of this Contract neither Contractor nor any person employed or associated with Contractor has any interest that would conflict in any manner or degree with the performance of the obligations under this Contract; and (3) neither Contractor nor any person employed by or associated with Contractor shall at any time during the term of this Contract obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Contract.

C. No Collusion. Contractor is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Contractor is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax, as set forth in Section 11-42.1-1 et seq. of the Illinois Municipal Code, 65 ILCS 5/11-42.1-1 *et seq*.; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 *et seq*. Contractor represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to the Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to the Owner for all loss or damage that the Owner may suffer, and this Contract shall, at the Owner's option, be null and void.

D. Sexual Harassment Policy. Contractor has a written sexual harassment policy in full compliance with Section 2-105(A)(4) of the Illinois Human Rights Act, 775 ILCS 5/2-105(A)(4).

E. Patriot Act Compliance. Neither Contractor nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. Contractor and its principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Contract on behalf of any person or entity named as a Specially Designated National and Blocked Person. Contractor hereby agrees to defend, indemnify and hold harmless the Owner, its corporate authorities, and all Owner elected or appointed officials, officers, employees, agents, representatives, engineers, and attorneys, from and against any and all claims, damages, losses, risks, liabilities, and expenses (including reasonable attorneys' fees and costs) arising from or related to any breach of the representations and warranties in this subsection.

F. Compliance with Laws and Grants. Contractor shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Work are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Work, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification

to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 *et seq*., and the Illinois Human Rights Act, 775 ILCS 5/1-101 *et seq*. Contractor shall also comply with all conditions of any federal, state, or local grant received by Owner or Contractor with respect to this Contract or the Work.

Contractor shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Contractor's, or its subcontractors', performance of, or failure to perform, the Work or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

G. Qualified: Contractor has the requisite experience, ability, capital, facilities, plant, organization, and staff to enable Contractor to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above.

8. Ownership

Designs, drawings, plans, specifications, photos, reports, information, observations, calculations, notes, and any other documents, data, or information, in any form, prepared, collected, or received by the Contractor in connection with any or all of the Work to be performed under this Contract ("***Documents***") shall be and remain the exclusive property of the Owner. At the Owner's request, or upon termination of this Contract, the Contractor shall cause the Documents to be promptly delivered to the Owner.

9. Acknowledgments

In submitting this Contract, Contractor acknowledges and agrees that:

A. Reliance. Owner is relying on all warranties, representations, and statements made by Contractor in this Contract.

B. Reservation of Rights. Owner reserves the right to reject any and all proposals, reserve the right to reject the low price proposal, and reserve such other rights as are set forth in the Instructions to Contractors.

C. Acceptance. If this Contract is accepted, Contractor shall be bound by each and every term, condition, or provision contained in this Contract and in Owner's written notification of acceptance in the form included in this bound set of documents.

D. Remedies. Each of the rights and remedies reserved to Owner in this Contract shall be cumulative and additional to any other or further remedies provided in law or equity or in this Contract.

E. Limitations. Except for third party claims that are the subject of indemnification and damages to the extent caused by contractor's gross negligence or willful misconduct, in no event shall

the total and cumulative liability of contractor under this agreement for any claim or claims hereunder between the parties exceed $3,000,000. To the maximum extent permitted by law, neither party shall be liable hereunder for consequential, incidental or special damages, including without limitation any lost opportunity damages or lost profits, or savings, loss of use, loss of data, or downtime, even if it has been advised of their possible existence.

F. Time. Time is of the essence of this Contract and, except were stated otherwise, references in this Contract to days shall be construed to refer to calendar days.

G. No Waiver. No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, whether before or after Owner's acceptance of this Contract; nor any information or data supplied by Owner, whether before or after Owner's acceptance of this Contract; nor any order by Owner for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the Work by Owner; nor any extension of time granted by Owner; nor any delay by Owner in exercising any right under this Contract; nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Work, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Contractor; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

H Severability. The provisions of this Contract/ Proposal shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

I. Amendments. No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Contractor.

J. Assignment. Neither this Contract, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Contractor except upon the prior written consent of Owner.

K. Governing Law. This Contract, and the rights of the parties under this Contract shall be interpreted according to the internal laws, but not the conflict of law rules, of the State of Illinois.

L. Notice concerning COVID-19. Notice is hereby given that as a result of the outbreaks of the disease COVID-19 arising from the novel coronavirus, temporary delays in delivery, labor or services from Contractor and its sub-suppliers or subcontractors may occur. Among other factors, Contractor's delivery is subject to correct and punctual supply from our sub-suppliers or subcontractors, and Contractor reserves the right to make partial deliveries or modify its labor or service. While Contractor shall make every commercially reasonable effort to meet the delivery, service or completion described herein, such date(s) is subject to change.

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

DATED this 16th day of March, 2026.

Contractor's Status: (X) X Corporation ; ( ) _____ Partnership; ( ) Individual Proprietor
(State) (State)

Contractor's Name: Robe Inc.

Doing Business As (if different): _____

Signature of Contractor or Authorized Agent: Sean White

(corporate seal if corporation)

Printed Name: Sean White
Title/Position: Authorized Rep.

Principal Office Address: 6150 N Northwest Hwy, Chicago, IL 60631

Contact Person: Sean White Phone: 773 775 8900

Contractor's Business Address: 6150 N Northwest Hwy, Chicago, IL 60631

Contractor's Business Telephone: 773 775 8900 E-Mail: seanwhite@robeinc.com

If a Corporation or Partnership, list all Officers or Partners:

NAME	TITLE	ADDRESS
Paul Mulvey	President	7108 N Ozark Ave, Chicago, IL 60631

If it is the Vendor's intention to utilize a subcontractor(s) to fulfill the requirements of this contract, the Village must be advised of the subcontractor's company name, address, telephone and fax numbers, and a contact person's name at the time of bid submittal.

Will you be utilizing a subcontractor? ☒ YES ☐ NO

If yes, have you included all required information with your bid submittal? ☒ YES ☐ NO

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements
ACCEPTANCE

The Contract attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of Village of Northbrook ("***Owner***") this ____ day of _____, 2026.

This Acceptance, together with the Contract attached hereto, constitutes the entire and only agreement between the parties relating to the accomplishment of the Work and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgment, invoice, or other standard form used by the parties in the performance of the Contract. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by Owner without further notice of objection and shall be of no effect nor in any circumstances binding upon Owner unless accepted by Owner in a written document plainly labeled "Amendment to Contract." Acceptance or rejection by Owner of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

(SEAL)

Attest/Witness:

By: _____
Derek Gau
Title: Village Clerk

VILLAGE OF NORTHBROOK

By: _____
Cara L. Pavlicek
Title: Village Manager

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

ATTACHMENT A – SCOPE OF WORK

1. SCOPE OF WORK

Village of Northbrook – 750 Dundee Road Water Treatment Plant
Filter 2: Remove and Replace Valve, Gearbox, and Actuator
Filter 3: Remove and Replace Valve, Gearbox, and Actuator

A. Valve, Gearbox, and Actuator Replacement (Filter 2 and Filter 3)

- Remove existing butterfly valve, gearbox, and actuator assemblies
- Furnish and install new 18-inch butterfly valves with compatible gear operators and electric actuators (Keystone or approved equal)
- Provide and install required mounting hardware, supports, adapters, couplings, gaskets, and fasteners necessary for proper installation
- Align, adjust, and secure valve, gearbox, and actuator assemblies to ensure proper operation
- Perform all work in a manner compatible with existing piping layout and system pressure ratings

B. Electrical Disconnect and Reconnect

- De-energize and disconnect existing actuator power and control wiring
- Reconnect existing power and control wiring to the new actuators
- Replace or reinstall conduit fittings and connectors as required to complete reconnection
- Verify power is restored and actuator responds correctly to control input

C. System Shutdown, Purging, and Restoration

- Coordinate and perform system shutdowns required for valve removal and installation
- Drain and purge affected piping sections as required to safely perform the work
- Restore system to normal operating conditions following completion

D. Testing and Verification

- Perform hydrostatic testing of the affected piping section only, as required, to confirm leak-free installation
- Cycle valves through full open and closed positions to verify proper mechanical and electrical operation
- Provide limited functional testing to confirm valve actuation responds properly to existing control signals

E. Cleaning and Surface Preparation

- Clean exposed valve, actuator, and adjacent piping surfaces impacted by the work
- Remove loose rust and debris and apply rust-inhibiting primer where required in disturbed areas only

F. Coordination and Site Conditions

- Coordinate work with facility personnel for scheduling, access, and shutdowns as required
- Maintain a safe, orderly, and compliant work area for the duration of the project
- Remove tools, equipment, and job-related debris upon completion of the work

The contractor will be responsible for obtaining any permit/s and scheduling all necessary inspections. Final payment on the project will not be made until all inspections are passed. There will be no cost

associated with the permit. The Contractor will also be required to obtain a contractors license with the Village of Northbrook.

Contractor is responsible for making sure the valves, gearboxes and actuators supplied to the Village and all associated equipment are appropriately sized and will function properly per manufacture specification and as required to properly operate at the water Filtration Plant (Filters 1 and 2) upon completion and final inspection.

All work is to be completed during normal hours, Monday through Friday 7:00 am – 3:00 pm unless otherwise agreed upon with the village representative.

Clarifications and Exclusions

- Work is based on reuse of existing electrical feeders, conduits, junction boxes, and control wiring
- No new electrical circuits, control wiring, or programming is included
- Modifications to upstream or downstream piping beyond the valve flanges are excluded
- Structural modifications, concrete work, or permanent supports beyond typical mounting hardware are excluded
- Any unforeseen conditions not visible prior to shutdown may require additional authorization

2. **START-UP**

Start-up services upon the installation of the above equipment by the electrical and mechanical contractors. Start-up services include the use of a trained service technician for testing the equipment and adjustments that may be needed of supplied valves, gearboxes and actuators during general operating and coordinating with the owners SCADA integrator during start-up and normal operations. These services will be performed during normal business hours, Monday through Friday 7:30 am to 3:00 pm. Recommend 1-week notice to schedule start-up. Contractor needs to ensure that all electrical systems valves, gearboxes and actuators are installed and connected to enable the system to be tested/ operated during the initial start-up. Additional trips for start-up/ adjustments of the gearbox/ actuators/ valves will be incidental to this contract.

3. **Warranty**

A. Workmanship and Standard Manufacturer Warranties: Contactor will provide 1 year warranty on workmanship and materials for the installation of the equipment. Warranty will commence once the valves, gearboxes, and actuators have been run through start-up, testing, and placed "in service" and warranty start date has been agreed upon with the village.

B. Additional Contractor Warranties: the Contractor warrants that it has thoroughly inspected the Work Site and reviewed all necessary Village-owned equipment, documents and other records necessary for the completion for the Work included within this Contract. Contractor further certifies that the Work to be completed shall result in the successful installation of 2 filter drain valves, 2 gearboxes, and two actuators and associated hardware and gaskets. Equipment shall operate properly and meet all manufacturer specifications for installation and operation once the Work has been completed. The Contractor agrees to hold harmless the Village from any claims or loses resulting from Contractor failure to adequately review existing conditions or manufacturer specifications for the Village-Owned Equipment as well as any mathematical, design or any other such errors made by the Contractor in the course of reviewing and developing it's the proposal for the Work.

4. Completion Date: All work is to be completed by July 31, 2026

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

ATTACHMENT B - KEY PROJECT PERSONNEL

Contact Person for Proposal/Contract: Sean White
Office: 773 775 8900
Fax: 773 775 8910

Primary Contact Person: Sean White

Phone: 773 988 4519
E-Mail: seanwhite@robeinc.com

Daily Field Operations Contact: Aaron Cody

Phone: 773 948 0224
E-Mail: aaron@robeinc.com

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

ATTACHMENT C – SCHEDULE OF PRICES

Fitler 2: Remove and Replace Valve, Gearbox, and Actuator Assembly	**$ 38,512.27**
Fitler 3: Remove and Replace Valve, Gearbox, and Actuator Assembly	**$ 38,521.27**
• **Price includes two separate start-ups of both filters drain valve assemblies with village SCADA Integrator**	
Not to EXCEED Project Total	**$ 77,042.54**

Note: As outlined in Contract Section 2(B)(v), Owner reserves the right to increase or decrease quantities of Unit Price Items, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item in full compliance with this Contract, and that all claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released. Owner reserves the right to scale the quantities for Unit Price Items to match available funding in any given Fiscal Year as approved by the Owner's Village Board, and, in the event that no funding is appropriated, terminate this agreement.

VILLAGE OF NORTHBROOK
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

REFERENCES

Please provide three references with whom your company currently has a contract for services similar to those outlined in this request for proposals. Municipal references preferred.

Client: Chicago Park District

Contact Name: Bill Gernady

Contact Phone: 312 907 0048 Contact E-mail: william.gernady@chicagoparkdistrict.com

Client: Village of Bolingbrook- Water reclamation

Contact Name: Ben Brus

Contact Phone: 630 226 8845 Contact E-mail: bbrus@bolingbrook.com

Client: _____

Contact Name: _____

Contact Phone: _____ Contact E-mail: _____

VILLAGE OF NORTHBROOK
CONTRACT FOR
Edgewood Sanitary Lift Station – Generator Replacement
ATTACHMENT D - REFERENCES

WAIVER OF LIEN TO DATE

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

WHEREAS, the undersigned has been employed by _____ _____ to furnish _____ _____ for the premises known as _____ _____ _____ of which the Village of Northbrook is the Owner.

The undersigned, for and in consideration of _____ _____ ($_____) Dollars, and other good and valuable consideration, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois relating to mechanic's liens, with respect to and on said above-described premises, and the improvements thereon, and on the materials, supplies, equipment, fixtures, apparatus, machinery, or other items furnished, and on the moneys, funds, or other considerations due or to become due from the Owner, on account of labor, services, materials, supplies, equipment, fixtures, apparatus, machinery, or other items furnished to this date by the undersigned for the above-described premises. The undersigned further represent(s) and warrant(s) that the statements contained in Exhibit A, attached hereto and by this reference incorporated herein and made a part hereof, are true and correct, and that the undersigned is authorized to make this Waiver of Lien to Date.

Given under hand and seal this_____ day of _____, 20__.

Signature and Seal: _____

_____

NOTE: All waivers must be for the full amount paid. If waiver is for a corporation, corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth; if waiver is for a partnership, the partnership name should be used, partner should sign and designate himself as partner; if waiver is for a limited liability company, the company name should be used and managing member should sign and designate himself as managing member.

AFFIDAVIT

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

The undersigned, being duly sworn, deposes and says that: The undersigned is the _____ _____ of the _____ which has a contract with _ _____ for the _____ work for the premises known as _____ _____ owned by the Village of Northbrook, the total amount of the contract including extras is $_____, on which payment of $_____ _____ has been received prior to this payment; all waivers are true, correct, and genuine and delivered unconditionally and there is no claim either legal or equitable to defeat the validity of said waivers; the following are the names of all parties who have furnished material or labor, or both, for said work and all parties having contracts or subcontracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES	WHAT FOR	CONTRACT PRICE	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL TO COMPLETE					

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND

; and there are no other contracts for said work outstanding, and there is nothing due or to become due to any person for material, labor, or other work of any kind done or to be done upon or in connection with said work other than above stated.

Signed this _____ day of _____, 20__. Signature: _____

_____

Name: _____

_____

Title: _____

_____

Subscribed and sworn to be before me this ___ day of _____, 20__.

_____
Notary Public

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND
EXHIBIT A

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

The undersigned, being duly sworn, deposes and says that no waivers have been issued in anticipation of payment, but only to evidence payments received from

Contractor, Subcontractor or Supplier	Date	Check No.	Amount

The undersigned further deposes and says that the Village of Northbrook ("Owner") is entitled to rely on the accuracy of the statements made herein and in the Waiver of Lien to Date and Affidavit attached hereto; and that all rights to repudiate any waiver or to assert any claim against Owner are hereby waived, including, without limitation, any claim or right to repudiate any waiver based on industry custom, practice or course of dealing.

Signed this ___day of _____, 20__.

Signature: _____

Printed Name: _____

Title: _____

SUBSCRIBED AND SWORN
to before me this ____ day
of _____, 20__.

_____
Notary Public

My Commission expires: _____

#10088401_v1

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND

FINAL WAIVER OF LIEN

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

WHEREAS, the undersigned has been employed by _____ _____ to furnish _____ _____ for the premises known as _____ _____ of which the Village of Northbrook is the Owner.

The undersigned, for and in consideration of _____ _____ ($_____) Dollars, and other good and valuable consideration, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois relating to mechanic's liens, with respect to and on said above-described premises, and the improvements thereon, and on the materials, supplies, equipment, fixtures, apparatus, machinery, or other items furnished, and on the moneys, funds, or other considerations due or to become due from the Owner, on account of labor, services, materials, supplies, equipment, fixtures, apparatus, machinery, or other items heretofore furnished, or which may be furnished at any time hereafter, by the undersigned for the above-described premises. The undersigned further represent(s) and warrant(s) that the statements contained in Exhibit A, attached hereto and by this reference incorporated herein and made a part hereof, are true and correct, and that the undersigned is authorized to make this Final Waiver of Lien.

Given under hand and seal this_____ day of _____, 20__.

Signature and Seal: _____ _____

NOTE: All waivers must be for the full amount paid. If waiver is for a corporation, corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth; if waiver is for a partnership, the partnership name should be used, partner should sign and designate himself as partner; if waiver is for a limited liability company, the company name should be used and managing member should sign and designate himself as managing member.

AFFIDAVIT

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

The undersigned, being duly sworn, deposes and says that: The undersigned is the _____ _____ of the _____ which has a contract with _____ _____for the _____ work for the premises known as _____ _____ owned by the Village of Northbrook, the total amount of the contract including extras is $_____, on which payment of $_____ has been received prior to this payment; all waivers are true, correct, and genuine and delivered unconditionally and there is no claim either legal or equitable to defeat the validity of said waivers; the following are the names of all parties who have furnished material or labor, or both, for said work and all parties having contracts or subcontracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES	WHAT FOR	CONTRACT PRICE	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL TO COMPLETE					

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND

; and there are no other contracts for said work outstanding, and there is nothing due or to become due to any person for material, labor, or other work of any kind done or to be done upon or in connection with said work other than above-stated.

Signed this _____ day of _____, 20__. Signature: _____

_____

Name: _____

_____

Title: _____

_____

Subscribed and sworn to be before me this ___ day of _____, 20__.

_____
Notary Public

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND
EXHIBIT A

STATE OF _____)
)
COUNTY OF _____)

TO WHOM IT MAY CONCERN:

The undersigned, being duly sworn, deposes and says that no waivers have been issued in anticipation of payment, but only to evidence payments received, including without limitation the final payment, and any partial payments(s) not previously identified in a Waiver of Lien to Date; that the Village of Northbrook ("Owner") is entitled to rely on the accuracy of the statements made herein and in the Final Waiver of Lien and Affidavit attached hereto; and that all rights to repudiate any waiver or to assert any claim against Owner are hereby waived, including, without limitation, any claim or right to repudiate any waiver based on industry custom, practice or course of dealing.

Signed this ___day of _____, 20__.

Signature: _____

Printed Name: _____

Title: _____

SUBSCRIBED AND SWORN
to before me this ____ day
of _____, 20__.

_____
Notary Public

My Commission expires: _____

VILLAGE OF NORTHBROOK BOND NO. S055161
CONTRACT FOR
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

KNOW ALL MEN BY THESE PRESENTS: Robe, Inc. as Principal, hereinafter called Contractor, and Employers Mutual Casualty Company

as surety, a corporation organized and existing under the laws of the State of IA, hereinafter called Surety, are held and firmly bound unto Village of Northbrook, c/o Village Hall, 1225 Cedar Lane Northbrook, Illinois, 60062 as Obligee, hereinafter called Owner, in the full and just sum of Seventy Seven Thousand Forty Two and 54/100 Dollars ($ 77,042.54), for the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its contract with Owner, said contract being more fully described below, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[Commencement Date]*** (03/16/2026) with Owner entitled "CONTRACT for Foley Sanitary Lift Station-Generator Replacement" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly and promptly perform all the undertakings, covenants, terms, conditions and agreements of said Contractor under the Contract, including, but not limited to, Contractor's obligations under the Contract: (1) to provide, perform and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the roadway reconstruction including removal of existing concrete pavement, earth excavation and replacement with asphalt pavement and installation of concrete curb and gutter in the Village of Northbrook, Illinois; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Attachment A of the Contract; (3) to procure and furnish all bonds, and all certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time or forbearances on the part of either Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished facilities, equipment, material, service or sites; or in or to the mode or manner of payment therefor shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors or assigns, or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time

or forbearances and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Contract in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Owner shall have the right to take over and complete the Contract upon 30 calendar days' written notice to Surety, in which event Surety shall pay Owner all costs incurred by Owner in taking over and completing the Contract

At its option, Owner may instead request that Surety take over and complete the Contract, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Owner notifies Surety that Owner wants Surety to take over and complete the Contract.

Owner shall have no obligation to incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.

No right of action shall accrue on this bond to or for the use of any person or corporation other than Owner or the heirs, executors, administrators or successors of Owner.

Signed and sealed this 17th day of March, 2026

Attest/Witness:

By: Mary Bugaj

Title: Witness

PRINCIPAL: Robe, Inc.

By:

Title: Sean White, Authorized Rep.

Attest/Witness:

By: Carl Dehn

Title: Witness

SEAL

SURETY: Employers Mutual Casualty Company

By: Jaclyn Moore

Title: Jaclyn Moore, Attorney-in-Fact

BOND NO. S055161

VILLAGE OF NORTHBROOK
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

BETWEEN VILLAGE OF NORTHBROOK AND (_____).
LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: Robe, Inc. as Principal, hereinafter called Contractor, and Employers Mutual Casualty Company

as surety, a corporation organized and existing under the laws of the State of IA, hereinafter called Surety, are held and firmly bound unto Village of Northbrook, c/o Village Hall, 1225 Cedar Lane, Northbrook, Illinois, as Obligee, hereinafter called Owner, for the use and benefit of itself and of claimants as hereinafter defined, in the full and just sum of ($ Seventy Seven Thousand Forty Two and 54/100 77,042.54), to be paid to it or the said claimants or its or their assigns, to which payment well and truly to be made Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include attorney's fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[Commencement Date]*** (03/16/2026) with Owner entitled "CONTRACT for Foley Sanitary Lift Station-Generator Replacement" (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall promptly pay or cause to be paid all sums of money that may be due to any claimant with respect to Contractor's obligations under the Contract: (1) to provide, perform and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the roadway reconstruction including removal of existing concrete pavement, earth excavation and replacement with asphalt pavement and installation of concrete curb and gutter in the Village of Northbrook, Illinois; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract; (3) to procure and furnish all bonds and all certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of the Contractor by the Contract; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

For purpose of this bond, a claimant is defined as one having a direct contract with Contractor or with a subcontractor of Contractor to provide, perform or complete any part of the Work.

Contractor and Surety hereby jointly and severally agree that every claimant who has not had all just claims for the furnishing of any part of the Work paid in full, including, without limitation, all claims for amounts due for materials, lubricants, oil, gasoline, rentals of or service or repairs on machinery, equipment, and tools consumed or used in connection with the furnishing of any part of the Work, may sue on this bond for the use of such claimant, may prosecute the suit to final judgment for such sum or sums as may be justly due such claimant, and may have execution therein; provided, however, that Owner shall not be liable for the payment of any costs or expenses of any such suit. The provisions of 30 ILCS 550/1 and 2 shall be deemed inserted herein, including the time limits within which notices of claim must be filed and actions brought under this bond.

VILLAGE OF NORTHBROOK
Water Plant Filters 2 and 3 Valve, Gearbox, and Actuator Replacements

BETWEEN VILLAGE OF NORTHBROOK AND (Robe, Inc. **).**
LABOR AND MATERIAL PAYMENT BOND

Contractor and Surety hereby jointly agree that Owner may sue on this bond if Owner is held liable to, or voluntarily agrees to pay, any claimant directly, but nothing in this bond shall create any duty on the part of Owner to pay any claimant.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time or forbearances on the part of Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings or specifications; in or to the method or

manner of performance of the Work; in or to Owner-furnished facilities, equipment, material, service or site; or in or to the mode or manner of payment therefor shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors or assigns, or affect the obligations of said Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time or forbearances and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Signed and sealed this 17th day of March, 2026

Attest/Witness:

By: _____

Title: Witness

PRINCIPAL: Robe, Inc.

By: _____

Title: Sean White, Authorized Rep.

Attest/Witness:

By: _____

Title: Witness

SEAL

SURETY: Employers Mutual Casualty Company

By: _____

Title: Jaclyn Moore, Attorney-in-Fact

emc INSURANCE

P.O. Box 712 • Des Moines, Iowa 50306-0712

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, that:

1. Employers Mutual Casualty Company, an Iowa Corporation
2. EMCASCO Insurance Company, an Iowa Corporation
3. Union Insurance Company of Providence, an Iowa Corporation
4. Illinois EMCASCO Insurance Company, an Iowa Corporation
5. Dakota Fire Insurance Company, a North Dakota Corporation
6. EMC Property & Casualty Company, an Iowa Corporation

hereinafter referred to severally as "Company" and collectively as "Companies", each does, by these presents, make, constitute and appoint:

Jaclyn Moore

its true and lawful attorney-in-fact, with full power and authority conferred to sign, seal, and execute the following Surety Bond(s):

Surety Bond Number : S055161
Principal : Robe, Inc.
Obligee : Village of Northbrook
In an amount not exceeding $77,042.54

and to bind each Company thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of each such Company, and all of the acts of said attorney pursuant to the authority hereby given are hereby ratified and confirmed.

AUTHORITY FOR POWER OF ATTORNEY

This Power-of-Attorney is made and executed pursuant to and by the authority of the following resolution of the Boards of Directors of each of the Companies at the first regularly scheduled meeting of each company duly called and held in 1999:

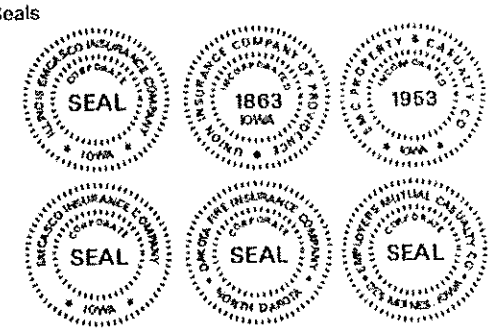
RESOLVED: The President and Chief Executive Officer, any Vice President, the Treasurer and the Secretary of Employers Mutual Casualty Company shall have power and authority to (1) appoint attorneys-in-fact and authorize them to execute on behalf of each Company and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof; and (2) to remove any such attorney-in-fact at any time and revoke the power and authority given to him or her. Attorneys-in-fact shall have power and authority, subject to the terms and limitations of the power-of-attorney issued to them, to execute and deliver on behalf of the Company, and to attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and any such instrument executed by any such attorney-in-fact shall be fully and in all respects binding upon the Company. Certification as to the validity of any power-of-attorney authorized herein made by an officer of Employers Mutual Casualty Company shall be fully and in all respects binding upon this Company. The facsimile or mechanically reproduced signature of such officer, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power-of-attorney of the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS THEREOF, the Companies have caused these presents to be signed for each by their officers as shown, and the Corporate seals to be hereto affixed this 17th day of September, 2025.

Scott R. Jean, President & CEO
of Company 1; Chairman, President
& CEO of Companies 2, 3, 4, 5 & 6

Todd Strother, Executive Vice President
Chief Legal Officer & Secretary of
Companies 1, 2, 3, 4, 5 & 6

Seals



AMY DANIEL
Commission Number 866839
My Commission Expires
August 13, 2028

On this 17th day of September, 2025 before me a Notary Public in and for the State of Iowa, personally appeared Scott R. Jean and Todd Strother, who, being by me duly sworn, did say that they are, and are known to me to be the CEO, Chairman, President, Executive Vice President, Chief Legal Officer and/or Secretary, respectively, of each of the Companies above; that the seals affixed to this instrument are the seals of said corporations; that said instrument was signed and sealed on behalf of each of the Companies by authority of their respective Boards of Directors; and that the said Scott R. Jean and Todd Strother, as such officers, acknowledged the execution of said instrument to be their voluntary act and deed, and the voluntary act and deed of each of the Companies.

My Commission Expires August 13, 2028.

Notary Public in and for the State of Iowa

CERTIFICATE

I, Ryan J. Springer, Vice President of the Companies, do hereby certify that the foregoing resolution of the Boards of Directors by each of the Companies, and this Power of Attorney issued pursuant thereto on 17th day of September, 2025, are true and correct and are still in full force and effect. In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 17th day of March, 2026.

Vice President

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing a First Renewal to the Agreement for Parkway Tree Trimming Services with Advanced Tree Care, Inc. of Lincolnshire, Illinois

Overview

The Village uses contractual assistance for trimming of approximately 2,000 of the Village's more than 17,000 parkway trees on an annual basis to promote tree health and management, protect pedestrians and motorists from low hanging branches, and prevent storm damage.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides funding in General Fund Account No. 11-4100-531-80 (Climate Action Plan) for annual parkway tree trimming services in the total base services amount of $98,437. Staff is requesting a contingency in the amount of $7,963 for unforeseen or emergency tree trimming services, for a total not to exceed amount of $106,400. Funding for unplanned or emergency services will be drawn from this account as needed at the rates outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Amount Remaining	Within Budget
General Fund - Climate Action Plan Forestry Expenses	11-4100-531-80	$453,600	$356,900	$106,400	$250,500	Yes

Recommendation

Approval.

Background

As part of its ongoing maintenance responsibilities, the Public Works Department uses contractual assistance for annual parkway tree trimming. In September 2025, staff prepared and issued a Request for Proposals (RFP) for annual parkway tree trimming, including unplanned or emergency tree trimming (“Services”) and sent it to 16 contractors specializing in these Services. The Village received six (6) responses and staff determined that Advanced

Tree Care, Inc. of Lincolnshire, Illinois (“Contractor”) submitted the lowest, most responsive proposal and was awarded the contract for the Services (“Agreement”) with Resolution 2025-190, approved by the Village Board on December 9, 2025.

The Agreement included an initial term, effective December 9, 2025 through April 30, 2026, with the option for up to three (3) one-year renewals upon mutual consent, with cost adjustments limited to the lesser of the average annual increase of the Consumer Price Index (CPI) for the Chicago-Naperville-Elgin region over the previous 12-month period, or three (3) percent. The Contractor performed well during the initial term, and both staff and the Contractor wish to renew the agreement with the permitted CPI increase in an amount not to exceed 2.0% (“Renewal”). The term of the first renewal will be from May 1, 2026 through April 30, 2027. The Renewal is included as Exhibit A.

Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing a First Renewal to the Agreement for Parkway Tree Trimming Services with Advanced Tree Care, Inc. of Lincolnshire, Illinois
Exhibit A - Advanced Tree Care - Parkway Tree Trimming Renewal
Supplemental Information - Parkway Tree Trimming Map for FY 2026/27

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing a First Renewal of the Agreement for Parkway Tree Trimming Services with Advanced Tree Care, Inc. of Lincolnshire, Illinois

is hereby adopted, as follows:

Section 1. Recitals

As part of its ongoing maintenance responsibilities, the Public Works Department utilizes contractual assistance for annual trimming of parkway trees, which also includes unforeseen or emergency tree trimming as needed ("***Services***"). The Services help to promote tree health and management, protect pedestrians and motorists, and prevent storm damage.

In September 2025, Village staff prepared and issued a Request for Proposals ("***RFP***") for the Services and sent it to 16 contractors specializing in these Services. On October 28, 2025, the Village received six proposals. Staff determined that Advanced Tree Care, Inc. of Lincolnshire, Illinois ("***Contractor***") submitted the lowest, most responsive proposal and was awarded the contract for the Services ("***Agreement***") with Resolution 2025-190, approved by the Village Board on December 9, 2025.

The initial term for this Agreement was December 9, 2025, through April 30, 2026. The Agreement with the Contractor includes the option for up to three one-year renewals, with cost adjustments limited to the lesser of the average annual increase of the Consumer Price Index (CPI) for the Chicago-Naperville-Elgin region over the previous 12-month period, or three percent. Staff and the Contractor wish to renew the Agreement for an additional one-year term with an average increase of 2.0% ("***Renewal***"). This is the first Renewal for the Services that will be effective from May 1, 2026, through April 30, 2027. The Renewal is included as ***Exhibit A***.

The adopted Fiscal Year 2026-2027 Budget provides funding in General Fund Account Nos. 11-4100-531-80 (Climate Action Plan Forestry Expenses) for annual parkway tree trimming services in the total base services amount of $98,437. Staff is requesting a contingency in the amount of $7,963 for any unplanned or emergency parkway tree trimming, for a total not to exceed amount of $106,400. Funding for the Services will be taken from this account as needed to complete the Services in accordance with the unit prices in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the Renewal in accordance with the prices set forth in ***Exhibit A***.

The President and the Board of Trustees have considered the Renewal and determined that it is in the best interests of the Village and the public to approve the Renewal.

Section 2. Approval of Renewal

The Renewal with the Contractor to provide the Services during Fiscal Year 2026-27 at the costs outlined in ***Exhibit A*** is hereby approved.

Section 3. Authorization to Execute Renewal

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Services in accordance with the terms of the Renewal for Fiscal Year 2026-27.

Section 4. Authorization to Execute Change Order

The Village Manager is authorized to execute one or more Contract Change Orders for additional work consisting of additional unforeseen items of work related to, or arising from other work contemplated by, the scope of work in the Renewal in the amount of $7,963 subject to the Village Manager making the necessary determination that the work contemplated by the change order complies with Section 33E-9 of Article 33E of the Criminal Code of 1961 and placing a copy of such determinations in the project file.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF NORTHBROOK
PARKWAY TREE TRIMMING SERVICES

FIRST RENEWAL OF CONTRACT

THIS FIRST RENEWAL ("***Renewal***") is made and entered into by the **VILLAGE OF NORTHBROOK** ("***Village***"), an Illinois home rule municipality and the party named below as of the date of the last signature affixed hereto.

CONTACTOR: **Advanced Tree Care, Inc.**
600 Industrial Dr., Lincolnshire, IL 60069
ATTN: Mike Bramucci
city@advanced-treecare.com ("***Contractor***")

In consideration of the recitals and mutual covenants and agreements set forth in this Renewal, the receipt and sufficiency of which are hereby acknowledged and agreed, the parties agree as follows:

Section 1. Recitals.

A. The Village and Contractor entered into that certain contractual agreement titled trimming and pruning of parkway trees dated as of December 9, 2025 (***"Contract"***), under which the Contractor agreed to parkway tree trimming services as more fully described in the Contract and the attachments thereto (collectively, ***"Services"***).

B. The Contract provided for an initial one-year term (***"Initial Term"***), which Initial Term will expire on April 30, 2026.

C. The Contract provides that that the term of the Contract may be renewed and extended for up to three (3) annual terms upon mutual agreement of the Parties.

D. The Village has been satisfied with the Contractor's performance of the Services and the Contractor has agreed to continue to provide the Services as set forth in this Renewal.

Section 2. Definitions and Interpretation.

All capitalized words and phrases used throughout this Renewal have the means set forth in the various provisions of this Renewal. If a word or phrase is not specifically defined in this Renewal, it shall have the same meaning as in the Contract.

Section 3. Renewal of the Contract.

The Village and the Contractor hereby amend the Contract to renew and extend the Contract for a renewal term to commence on May 1, 2026 and end on April 30, 2027 ("***Renewal Term***). During the Renewal Term, the Village will pay the Contractor for the Services in accordance with the Renewal Fee Schedule attached to, and by this reference made a part of, this Renewal as ***Exhibit A.***

Section 4. Legal Effect of Renewal.

All terms, conditions and provisions of the Contract that are not specifically amended, modified, or supplemented by this Renewal shall remain unchanged and in full force and effect as if fully set forth herein. In the event of a conflict between the Contract and the provisions of this Renewal, the text of this Renewal shall control.

IN WITNESS WHEREOF, the Parties have caused this First Amendment to be executed by their duly authorized representatives.

ATTEST:

By:_____
Derek Gau, Village Clerk

Date:_____

WITNESS:

By: Maria Guzman

Date: 4/1/2026

VILLAGE OF NORTHBROOK

By:_____
Cara Pavlicek, Village Manager

Date_____

Advanced Tree Care, Inc.

By:_____
Mike Bramucci

Date: 4/1/26

EXHIBIT A

RENEWAL FEE SCHEDULE

TABLE 1

STANDARD PRUNING				
Class of Trees	Diameter	Quantity	Unit Price (Per Tree)	Total
A	0 to 6.99"	1,001	$ 10.20	$ 10,210.20
B	7 to 14.99"	311	$ 31.62	$ 9,833.82
C	15 to 24.99"	178	$ 61.20	$ 10,893.60
D	25 to 36.99"	56	$ 81.60	$ 4569.60
E	37+"	5	$ 132.60	$ 663.00
	Total Trees =	1,551	Total Cost =	$ 36,170.22

TABLE 2

STRUCTURAL PRUNING				
Class of Trees	Diameter	Quantity	Unit Price (Per Tree)	Total
A	0 to 6.99"	227	$ 25.50	$ 5,788.50
B	7 to 14.99"	423	$ 54.06	$ 22,867.38
C	15 to 24.99"	336	$ 72.42	$ 24,333.12
D	25 to 36.99"	71	$ 107.10	$ 7,604.10
E	37+"	8	$ 209.10	$ 1672.80
	Total Trees =	1065	Total Cost =	$ 62,265.90

TOTAL STRUCTURAL AND PRUNING COST (Table 1 and Table 2) $ 98,436.12

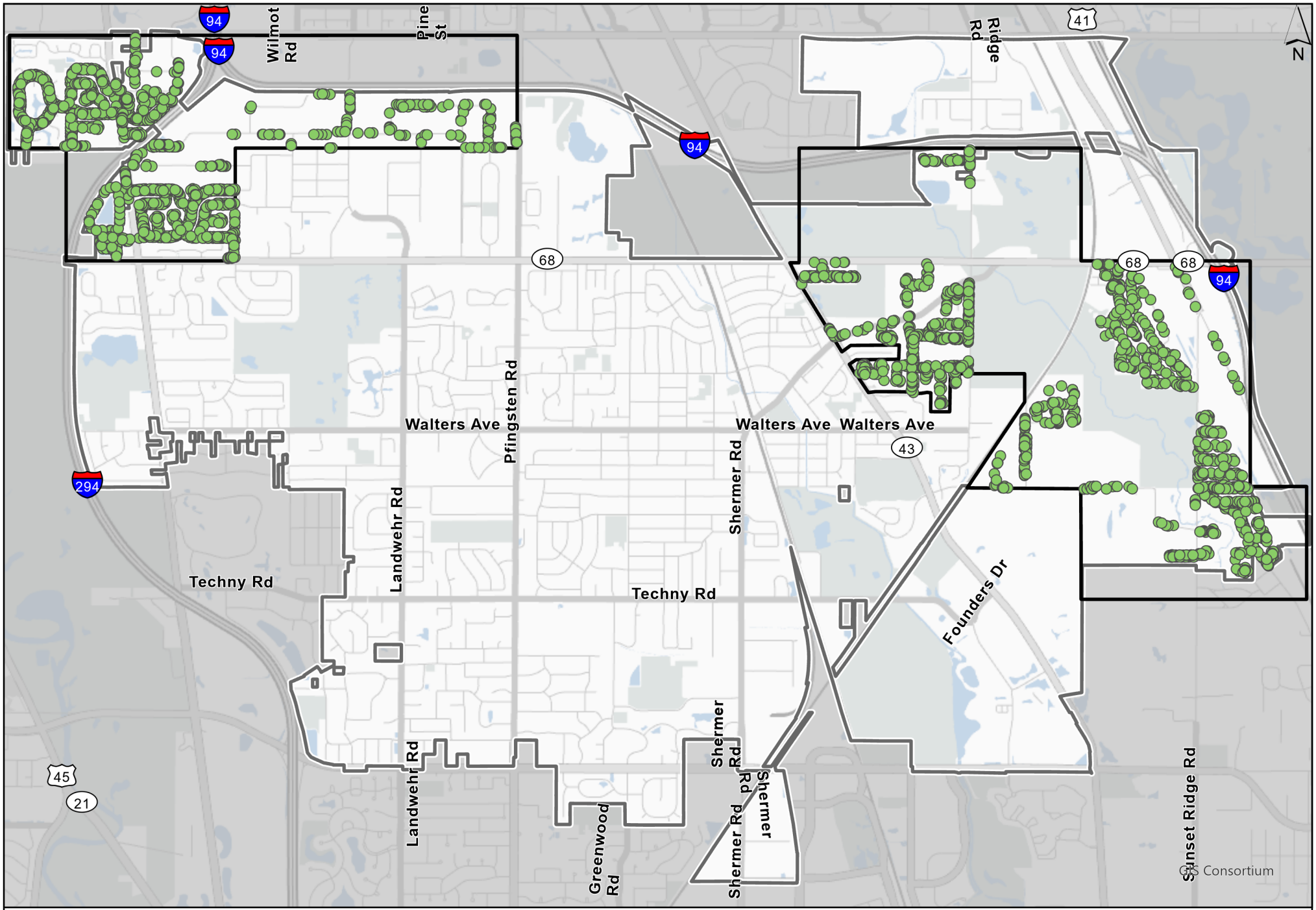
Estimated Number of Working Days to Complete Planned Standard and Structural Pruning Work: 30

TABLE 3

EMERGENCY TREE SERVICES - The following labor and equipment rental rates are for furnishing emergency tree services assistance to the Village:

DESCRIPTION	UNIT	UNIT PRICE
Unskilled/Common Labor (Monday – Friday)	Hour	$ 66.30
Unskilled/Common Labor (Saturday)	Hour	$ 96.90
Unskilled/Common Labor (Sunday and federal holidays)	Hour	$ 107.10
Skilled Labor (Monday – Friday)	Hour	$ 96.90
Skilled Labor (Saturday)	Hour	$ 107.10

Skilled Labor (Sunday and federal holidays)	Hour	$ 153.00
Supervisor/Foreman	Hour	$ 96.90
Aerial Tower (min. 50' working heights)	Hour	$ 40.00
Dump Truck	Hour	$ 25.50
Log Loader, Grapple or Clam Loader	Hour	$ 96.90
Chipper with Truck & Mounted Chip Box, Saws and Basic Equipment	Hour	$ 66.30
Horizontal/Tub Grinder with min. 500 HP	Hour	$ 408.00
Front End Loader	Hour	$ 96.90
Wood Chip Disposal • 75 – 90 yards per load	Per Load	$ 510.00
Log Disposal • Log load-minimum size: 2' • Log load-maximum size: 16' • 60 yards minimum per load	Per Load	$ 250.00



Tree Trimming FY 2027

northbrook

4/13/2026

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Authorizing a First Renewal of the Agreement for Elevator Maintenance Services with Lakeland Elevator Corporation of Waukegan, Illinois

Overview
The Village utilizes contractual services to perform mandatory annual inspections, preventive maintenance, and as-needed unplanned or emergency repairs for a total of eight (8) elevators located across multiple Village facilities.

Fiscal Impact

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Account Nos. 11-4100-524-73, 11-4100-524-75, 11-4100-524-76, 11-4100-524-77 (General Fund), 21-4170-524-82 (Water Fund), and 15-7100-524-01 (Senior Housing) for monthly and quarterly preventative maintenance in a total amount of $22,819. This total amount includes $16,824 for preventative maintenance services and annual hydraulic cylinder testing fees in the budgeted amount of $3,400 ($425 per elevator) from Thompson Elevator Inspection Service, Inc. This also includes $5,995 to perform a necessary repair at the Water Treatment Plant to meet and pass state elevator inspection requirements.

In accordance with Illinois law, all elevators must be inspected and certified annually, and the Village has utilized Thompson Elevator Inspection Service, Inc., a widely recognized provider throughout the Chicagoland area, to perform these mandated inspections. Such annual fees are to be passed through to the Village by the Contractor without any additional markup. The Contractor shall attach a copy of Thompson's original invoice with its own invoice to the Village for transparency and verification.

Funding for unforeseen or emergency services will be drawn from the accounts identified above, as needed, at the rates outlined in Exhibit A.

Account	Account No.	Budget	Available	Request	Remaining	Within Budget

General Fund - Maintenance - Public Works Center	11-4100-524-73	$26,915	$24,880	$1,384	$23,496	Yes
General Fund - Maintenance - Police Department	11-4100-524-75	$20,885	$19,536	$1,384	$18,152	Yes
General Fund - Maintenance - Fire Stations	11-4100-524-76	$38,280	$34,965	$1,384	$33,581	Yes
General Fund - Maintenance - Village Hall	11-4100-524-77	$27,700	$26,551	$1,384	$25,167	Yes
Water Fund - Water Filtration Plant	21-4170-524-82	$41,065	$38,749	$7,379	$31,370	Yes
Senior Housing Fund - Repairs & Maintenance - Building & Grounds	15-7100-524-01	$223,800	$221,329	$9,904	$211,425	Yes

Recommendation
Approval.

Background
The Village has eight (8) elevators of various ages and conditions at six (6) facilities, including Fire Station 11, Public Works Center, Police Station, Village Hall, Water Filtration Plant, and Crestwood Place. To keep the elevators operating in a safe and satisfactory manner, the Village utilizes contractual assistance. The contractor conducts quarterly preventive maintenance at all facilities (except for Crestwood Place, which receives monthly preventive maintenance); annual hydraulic cylinder testing to ensure compliance with mandatory third-party inspection requirements established by the Office of the State Fire Marshal; and performs unplanned or emergency repair services on an as-needed basis.

In February 2025, the Village received four (4) quotations, and upon review, staff determined that Lakeland Elevator Corporation of Waukegan, Illinois submitted the most responsive and

responsible proposal, and was awarded the contract for the Services under Resolution 2025-73.

The Agreement included an initial term, effective May 27, 2025 through April 30, 2026, with the option for up to one (1) one-year renewal upon mutual consent, with cost adjustments that are limited to the lesser of the average annual increase of the Consumer Price Index (CPI) for the Chicago-Naperville-Elgin region over the previous 12-month period, or three (3) percent. The Contractor performed well during the initial term, and both staff and the Contractor wish to renew the agreement with the permitted CPI increase in an amount not to exceed 2.0%. The term of the first renewal will be from May 1, 2026 through April 30, 2027. The Renewal is included as Exhibit A.

Staff will be present at the Village Board meeting should there be any questions.

A Resolution Authorizing a First Renewal of the Agreement for Elevator Maintenance Services with Lakeland Elevator Corporation of Waukegan, Illinois
Exhibit A - Lakeland Elevator - Elevator Maintenance Renewal

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Authorizing a First Renewal of the Agreement for Elevator Maintenance Services with Lakeland Elevator Corporation of Waukegan, Illinois

is hereby adopted, as follows:

Section 1. Recitals

The Village of Northbrook has eight elevators of various ages and conditions at six facilities, including Fire Station 11, Public Works Center, Police Station, Village Hall, Water Filtration Plant, and Crestwood Place. To keep the elevators operating in a safe and satisfactory manner, the Village utilizes contractual assistance. The contractor conducts quarterly preventive maintenance at all facilities (except for Crestwood Place, which receives monthly preventive maintenance); annual hydraulic cylinder testing to ensure compliance with mandatory third-party inspection requirements established by the Office of the State Fire Marshal; and performs as-needed unplanned or emergency repairs (collectively, the "***Services***").

In February 2025, the Village received four quotations, and upon review, staff determined that Lakeland Elevator Corporation of Waukegan, Illinois ("***Contractor***") submitted the most responsive and responsible proposal, and was awarded the contract for the Services ("***Agreement***") with Resolution 2025-73.

The initial term for this Agreement is effective May 27, 2025, through April 30, 2026. The Agreement with the Contractor includes the option for up to one one-year renewal, with cost adjustments that are limited to the lesser of the average annual increase of the Consumer Price Index (CPI) for the Chicago-Naperville-Elgin region over the previous 12-month period, or three percent. Staff and the Contractor wish to renew the Agreement for an additional one-year term with an average increase of 2.0% ("***Renewal***"). This is the first Renewal for the Services that will be from May 1, 2026, through April 30, 2027. The Renewal is included as ***Exhibit A*** to this Resolution.

The adopted Fiscal Year 2026-2027 Budget provides sufficient funds in Account Nos. 11-4100-524-73, 11-4100-524-75, 11-4100-524-76, 11-4100-524-77 (General Fund), 21-4170-524-82 (Water Fund), and 15-7100-524-01 (Senior Housing) for monthly and quarterly preventative maintenance, which includes annual hydraulic cylinder testing fees in the budgeted amount of $3,400 ($425 per elevator) from Thompson Elevator Inspection Service, Inc. ("***Thompson***"), for a total amount of $22,819. This total amount includes $16,824 for preventative maintenance services and also includes $5,995 to perform a necessary repair at the Water Treatment Plant to meet and pass state elevator inspection requirements. In accordance with Illinois law, all elevators must be inspected and certified annually, and the Village has utilized Thompson, a widely recognized provider throughout the Chicagoland area, to perform these mandated inspections. Such annual fees are to be passed through to the Village by the Contractor without any additional markup. The Contractor shall attach a copy of Thompson's original invoice with its own invoice to the Village for transparency and verification. Funding for as-needed unplanned or emergency repair Services will be drawn from these accounts as needed, at the rates outlined in ***Exhibit A***.

Based on these factors, staff recommends that the Village Board authorize the Renewal in accordance with the prices set forth in ***Exhibit A***. The President and the Board of Trustees have considered the Renewal and determined that it is in the best interests of the Village and the public to approve the Renewal.

Section 2. Approval of Renewal

The Renewal with the Contractor to provide the Services during Fiscal Year 2026-27 at the costs outlined in ***Exhibit A*** is hereby approved.

Section 3. Authorization to Execute Renewal

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete the procurement of the Services in accordance with the terms of the Renewal for Fiscal Year 2026-27.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF NORTHBROOK
ELEVATOR MAINTENANCE SERVICES

FIRST RENEWAL OF CONTRACT

THIS FIRST RENEWAL ("***Renewal***") is made and entered into by the **VILLAGE OF NORTHBROOK** ("***Village***"), an Illinois home rule municipality and the party named below as of the date of the last signature affixed hereto.

CONTACTOR: **Lakeland Elevator Corporation**
731 S. McAlister Ave., Waukegan, IL 60085
ATTN: Joe Bolton
joe@llec.com ("***Contractor***")

In consideration of the recitals and mutual covenants and agreements set forth in this Renewal, the receipt and sufficiency of which are hereby acknowledged and agreed, the parties agree as follows:

Section 1. Recitals.

A. The Village and Contractor entered into that certain contractual agreement titled Elevator Maintenance Services dated as of May 27, 2025 (***"Contract"***), under which the Contractor agreed to elevator preventative maintenance services, annual hydraulic cylinder testing, and as needed unplanned or emergency repair services, as more fully described in the Contract and the attachments thereto (collectively, ***"Services"***).

B. The Contract provided for an initial one-year term (***"Initial Term"***), which Initial Term will expire on April 30, 2026.

C. The Contract provides that the term of the Contract may be renewed and extended for up to one (1) annual term upon mutual agreement of the Parties.

D. The Village has been satisfied with the Contractor's performance of the Services and the Contractor has agreed to continue to provide the Services as set forth in this Renewal.

Section 2. Definitions and Interpretation.

All capitalized words and phrases used throughout this Renewal have the means set forth in the various provisions of this Renewal. If a word or phrase is not specifically defined in this Renewal, it shall have the same meaning as in the Contract.

Section 3. Renewal of the Contract.

The Village and the Contractor hereby amend the Contract to renew and extend the Contract for a renewal term to commence on May 1, 2026 and end on April 30, 2027 ("***Renewal Term***). During the Renewal Term, the Village will pay the Contractor for the Services in accordance with the Renewal Fee Schedule attached to, and by this reference made a part of, this Renewal as ***Exhibit A.***

Section 4. Legal Effect of Renewal.

All terms, conditions and provisions of the Contract that are not specifically amended, modified, or supplemented by this Renewal shall remain unchanged and in full force and effect as if fully set forth herein. In the event of a conflict between the Contract and the provisions of this Renewal, the text of this Renewal shall control.

IN WITNESS WHEREOF, the Parties have caused this First Amendment to be executed by their duly authorized representatives.

ATTEST:

By:_____
Derek Gau, Village Clerk

Date:_____

VILLAGE OF NORTHBROOK

By:_____
Cara Pavlicek, Village Manager

Date_____

WITNESS:

By Wendy D Davis

Date: 4/3/2026

Lakeland Elevator Corporation

By: Joe Bolton
Joe Bolton

Date: 4/1/26

EXHIBIT A

RENEWAL FEE SCHEDULE

FIRE STATION #11 (1) Quarterly Maintenance Cost: $ 239.70

POLICE DEPARTMENT (1) Quarterly Maintenance Cost: $ 239.70

PUBLIC WORKS CENTER (1) Quarterly Maintenance Cost: $ 239.70

VILLAGE HALL (1) Quarterly Maintenance Cost: $ 239.70

WATER FILTRATION PLANT(1) Quarterly Maintenance Cost: $ 239.70

CRESTWOOD PLACE (3) MONTHLY Maintenance Cost: $ 719.10

The annual hydraulic cylinder test fees from Thompson will be passed through to the Village with no markup. The Contractor must include Thompson's invoice with their own.

TOTAL ANNUAL COST (Quarterly Maintenance Costs and Monthly Maintenance Costs [Crestwood]): $ 13,423.20

CALL BACK RATES:

Mechanic Regular Hour Rate (M-F 7:00am – 3:00pm): $ 235.00 /Hour

Time and 7/10 (Overtime): $ 399.50 /Hour

Double Time: $ 470.00 /Hour

Mark Up of Parts: 20 / %

SPECIFICATIONS

Updated sections for contract renewal (May 1, 2026 – April 30, 2027) have been highlighted

1. General

The Village of Northbrook is seeking proposals from qualified firms to enter into a Contract to provide annual elevator maintenance and testing services at six (6) municipal facilities. It is the intention of this document is to provide sufficient detail to allow qualified contractors to provide a quote on providing such services at the following locations within the Village of Northbrook:

1. Fire Station 11, 740 Dundee Road
2. Police Department, 1401 Landwehr Road
3. Public Works Center, 655 Huehl Road
4. Village Hall, 1225 Cedar Lane
5. Water Filtration Plant, 750 Dundee Road
6. Crestwood Place (Senior Apartments), 1000 Waukegan Road

The Contractor and its employees must be licensed to perform maintenance of elevators as required by the Illinois Elevator Safety and Regulation Act [225 ILCS 312].

All elevator maintenance, repair, replacement and testing must be performed in strict accordance with the Illinois Elevator Safety and Regulation Act [225 ILCS 312] and ASME A17.1, including all current and future code amendments and upgrades.

The Contractor agrees to provide all labor, materials, tools, equipment and close supervision of rendered services to perform the work specified by the Village in this document.

2. Personnel

All maintenance and testing are required to be performed by a licensed elevator mechanic.

3. Scope of Work

The bidder shall become fully acquainted with the nature of the work, the sites at which work is performed, and the conditions affecting the cost and performance of the work. The proposal shall include all costs associated with providing labor, materials, lubricants, tools and equipment necessary to perform and complete preventative maintenance, testing and reporting (quarterly maintenance, monthly maintenance, and as-needed & emergency repair services rendered) on the elevators listed in these specifications for each building.

At Crestwood Place elevator maintenance and inspections shall be performed **monthly**. At all other properties elevator maintenance and inspections shall be performed **quarterly** at a minimum. All inspections and maintenance shall include all requirements outlined in Section 8.6 of ASME A17.1.

Inspection and preventative maintenance of elevator related equipment controls are included in this Contract. Each elevator shall be examined, cleaned, lubricated, and adjusted per ASME elevator standards to provide efficient operation and reduce the possibility of service interruptions to a minimum. Each unit shall be operated through its complete cycle to ensure proper functioning of the control system. Each unit shall be maintained per all applicable codes and standards and per manufacturer's requirements, whichever is more stringent.

Maintenance shall include examination, adjustment and lubrication of all components listed below for all elevator units listed in this Contract. Repairs and upgrade proposals will be provided to the Owner for consideration. All replacement parts shall be OEM, unless no longer available and replaced with the next best comparable part. Next best comparable part must be approved (in writing) by the Facilities Manager.

Control System

- Switches
- Resistors
- Contactors
- All other control system components.

Power Unit

- Pump
- Motor
- Valves
- Windings
- Brushes
- Coils
- All other related parts and accessories.

Hydraulic System Accessories

- Exposed piping
- Fittings and accessories between pump unit and jack
- Jack Packing
- Hydraulic Fluid
- Heating or Cooling Elements

Wiring

- Elevator Control Wiring
- Power wiring from equipment to motor
- Conductor Cable

Hoistway and Pit Equipment

- All elevator control equipment and buffers

Rails and Guides

- Guide Rails
- Guide Shoe Gibs
- Rollers
- Brake Shoes
- Brake Magnets

Door Equipment

- Automatic door operators
- Hoistway and car door hangers
- Door protective devices
- Hoistway door interlocks
- Door gibs
- Auxiliary door closing devices

Signals, Accessories and Miscellaneous

- Car operating panels
- Hall push button stations
- Hall lanterns
- Emergency lighting
- Car and hall position indicators
- Lobby control panels
- Fireman's service equipment
- Re-lamping signal fixtures
- All other related parts and accessories
- Phone
- Car and corridor operating stations
- Limit, landing and slow down switches
- Relays and contacts

Cleanliness of Elevator Shaft, Machine Room, top of elevator, etc.

- Remove obsolete parts from the site
- Sweep all areas
- Clean all leaked oil
- Wipe down and degrease elevator equipment Machine Room

After each visit, Contractor will leave one (1) service ticket on site and send a copy to the Facilities Manager via e-mail. All actions performed shall be noted on the form. This includes the annual witnessed inspection sheet as well.

The Contractor shall perform an annual Category 1 hydraulic pressure test which shall include requirements of ASME Sections 8.11.3.2.1 thru 8.11.3.2.5. If more than one Contractor employee is required for category testing per new or updated ASME elevator standards; the additional labor cost of the additional Contractor employee(s) will be invoiced in addition to this Contract.

The Contractor shall be responsible for contacting the designated third-party elevator inspector to witness and verify compliance of hydraulic testing. **ALL THIRD-PARTY FEES SHALL BE INVOICED THROUGH CONTRACTOR WITH NO MARK-UP.** Include a copy of the third-party witness invoice as backup documentation. The line item for "Annual Category 1 Hydraulic Cylinder Test" on – Schedule of Prices is for costs associated with the Village's primary Contactor only. Do not include the third-party Contractor who witnesses the hydraulic test.

To the best of their ability, Contactor shall notify the Village if its elevators are out of compliance with all applicable Illinois Elevator Safety and Regulation Act [225 ILCS 312] and ASME A17.1 codes and standards. Contractor will also notify the Village when new codes or standards will be adopted by the State of Illinois that apply to Village Elevators.

4. Emergency Response

The Contractor will be required to respond on site within **4 hours to Crestwood Place and Village Hall and within 24 hours** at all other facilities to all calls for emergency repairs to the elevators. The Contractor shall diagnose and make repairs immediately if possible. Repairs that require ordering parts or equipment shall be performed as soon as possible but in no case longer than five (5) business days. If the previous repair timeline is not feasible, the Contractor must immediately notify the Facilities Manager and mutually agree upon a feasible timeline to perform repair.

All costs to the Village associated with call backs of third party inspectors due to failure on the Contractor's part of timely response and repairs will be charged back to the Contractor.

For any repair that requires inspection, if the third-party inspector determines that the repair was not properly completed per ASME elevator standards and a re-inspection is required, the cost of the second and any subsequent inspections shall be borne by the Contractor, unless the Village and the Contractor have mutually agreed in writing, in advance, that the Village will bear such costs. The Contactor's proposal for any repairs that require inspection shall include the cost of the initial inspection and the cost for the re-inspection.

5. Work Hours and Scheduling

Work at all buildings will be performed between the hours of 7:00 A.M. and 3:00 P.M., Monday through Friday. Work during other hours will be allowed only as authorized by the Facilities Manager or his designee. The Contactor must contact Daniel Juarez, Facilities Manager at (847) 664-4117 or by e-mail at daniel.juarez@northbrook.il.us to schedule maintenance/inspections **at least 48 hours prior to performing the work.**

6. Duration of Contract and Payment Escalation

If agreed upon by both parties, this Contract shall be in full force from May 1, 2025 to April 30, 2026. The Village reserves the right, but shall be under no obligation, to offer to renew the term of the Contract. In the event the Contract is extended, the Contactor may raise the price for services to be performed under the extended Contract by giving written notice to the Village. The allowable escalation of the Contract shall be limited to the lesser of (i) the annual average percentage increase in the Chicago Consumer Price Index (CPI) for All Urban Consumers, as published by the Bureau of Labor Statistics (available at 312-353-1880 or www.bls.gov) for the previous 12 month period, or (ii) three percent (3%). Only one increase shall be allowed in any Contract extension period. The Village may elect to rebid the service in the event of such notice but shall be obligated to rebid if a notice of price increase exceeds the CPI for the Chicago Metropolitan area.

7. Materials and Equipment

The Contractor shall immediately contact the Village's Facilities Manager regarding any necessary repairs that they believe are beyond the scope of work included in this Contract. A proposal of the proposed or recommended repairs and their associated costs shall be submitted to the Facilities Manager with a detailed description of each malfunction and the Contractor's recommendation for corrective measures necessary to eliminate the malfunction. Additional costs for materials, equipment and labor associated with such repairs must be pre-approved in writing by the Facilities Manager prior to commencing the proposed repair(s).

ELEVATOR EQUIPMENT LIST

Facility	Address	# of Elevators	Make	Year	Type	State Tag	# of Stops
Fire Station 11	740 Dundee Road	1	OTIS LRV Hydraulic Passenger State Tag# H009700 Otis job# 430004	1989	Hydraulic	2,000	3
Police Department	1401 Landwehr Road	1	DOVER DMC Hydraulic Passenger State Tag# H020149 Dover job# E-G7872	1997	Hydraulic	2,500	2
Public Works Center	655 Huehl Road	1	TKE TAC-20 Hydraulic Passenger State Tag# H019805 TK job# EAA998	2008	Hydraulic	2,100	2
Village Hall	1225 Cedar Lane	1	OTIS LRS Hydraulic Passenger State Tag# H017661 Otis job# 606203	1990	Hydraulic	3,500	4
Water Filtration Plant	750 Dundee Road	1	Montgomery Hydraulic passenger State Tag # H021201 S/N: CP_MX_76095	1994 (est.)	Hydraulic	2,000	3
Crestwood Place	1000 Waukegan Road - A/B/C Building	3	Smartrise/MEI	Smartrise/MEI Hydraulic Passenger(s) State Tag #'s H015083 (#1) H01582 (#2), H015084 (#3) Job # 211228-001/002	Hydraulic	2500	Car #1,2=5stops Car 3= 3 Stops

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Fire Chief David Schweihs
Date: 2026-04-28
Subject: A Resolution Approving the Purchase of Firefighter Training from the Northeastern Illinois Public Safety Training Academy (NIPSTA)

Overview
The Village uses outside agencies to provide certification training for newly hired firefighters as well as current firefighters maintaining or expanding their professional development.

Fiscal Impact
The adopted FY 2026-2027 Budget provides funding in account number 11-3100-541-42 for the purchase of firefighter training tuition from NIPSTA in an amount not to exceed $70,000.

Recommendation
Approval.

Background

Included within the Village's FY27 budget under a ccount no. 11-3100-541-42, $129,170 is allocated for training of Fire Department personnel including recruit training of candidates and outside training courses for current firefighters. Each year firefighters attend outside training to obtain and retain certifications and maintain and enhance their knowledge, skills and abilities.

The Fire Department has utilized the Northeastern Illinois Public Safety Training Academy (NIPSTA) as a primary outside training vendor for firefighters. Fire Department staff anticipate using $70,000 of the budgeted funds in account no. 11-3100-541-42 to purchase training from NIPSTA.

The Village is a founding member of NIPSTA, which was established in 2001 and is located in Glenview on a portion of the former Glenview Naval Air Station property. The certification programs offered at NIPSTA meet or exceed all National Fire Protection Association (NFPA) and Office of the State Fire Marshal (OSFM) objectives for firefighter training curriculum. Furthermore, NIPSTA provides quality training at a low cost due to the Village's membership.

Also, NIPSTA is conveniently located in Glenview with a close proximity to the Village border.

The Fire Department has utilized the NIPSTA Basic Operations Firefighter Academy to train recruits since the program's inception in 2012. The continued use of the NIPSTA Fire Academy for Northbrook recruits provides consistency in training and emergency operations amongst Fire Department personnel. The tuition for the NIPSTA Basic Operations Firefighter Academy is $4,300.00 per student (Exhibit A). When compared with the Romeoville Fire Academy at $4,000 (Exhibit B) and Illinois Fire Service Institute at $8,500 (Exhibit C), the Romeoville Academy meets low bid requirements. Although the Romeoville Academy is less expensive, due to the quality and consistency of training, long-term vendor relationship, and the proximity of the facility, NIPSTA remains the preferred vendor to provide fire department training.

The Fire Department recommends the purchase of general and recruit firefighter training from NIPSTA in the not to exceed amount of $70,000.00 during FY27.

Staff will be available at the April 28, 2026 Village Board meeting to respond to any questions if necessary.

A Resolution Approving the Purchase of Firefighter Training from the Northeastern Illinois Public Safety Training Academy
Exhibit A - NIPSTA BOF Quote - NIPSTA General and Recruit Firefighter Training FY 27
Exhibit B - Romeoville BOF quote - NIPSTA General and Recruit Firefighter Training FY27
Exhibit C - IFSI BOF Quote - NIPSTA General and Recruit Firefighter Training FY27

Resolution 2026-

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving the Purchase of Firefighter Training from the Northeastern Illinois Public Safety Training Academy

is hereby adopted, as follows:

Section 1. BACKGROUND.

The Village's fiscal year 2027 annual budget includes sufficient funds under account no. 11-3100-541-42 for the purchase of firefighter training from outside vendors ("***Tuition***").

Fire Department staff have utilized the Northeastern Illinois Public Safety Training Academy (NIPSTA) in Glenview, IL ("***Vendor***") to satisfy many of the training needs of Northbrook firefighters, including recruit academy training, due to availability of classes and curriculum, quality of training, logistical efficiency, and low costs. Based on the identified training needs of fire personnel in fiscal year 2027, fire department staff recommend procuring the Tuition from the Vendor in the not to exceed amount of $70,000.00.

The President and the Board of Trustees have considered this expenditure and determined that it is in the best interests of the Village and the public to approve the expenditure.

Section 2. AUTHORIZATION OF EXPENDITURE.

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete procurement of the Tuition from the Vendor, at the costs set forth in ***Exhibit A*** to this Resolution and in an amount not to exceed $70,000.00.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
ABSTAIN:
ABSENT:
AWAY:

ATTEST:

/s/

Village President

/s/

Village Clerk

Northeastern Illinois Public Safety Training Academy

2026 Cost Breakdown For

Illinois Office of State Fire Marshal

Tuition Reimbursement

NIPSTA FIRE DEPARTMENT MEMBER COST BREAKDOWN

Certified Course	Cost
Basic Operations Firefighter	$3,350.00
Fire Service Vehicle Operator	$150.00
Hazardous Material Operations	$800.00
NIPSTA BOF ACADEMY TOTAL COST	**$4,300.00**

NIPSTA FIRE DEPARTMENT NON-MEMBER COST BREAKDOWN

Certified Course	Cost
Basic Operations Firefighter	$5,000.00
Fire Service Vehicle Operator	$150.00
Hazardous Material Operations	$800.00
NIPSTA BOF ACADEMY TOTAL COST	**$5,950.00**

NIPSTA, 2300 Patriot Boulevard, Glenview, IL 60026
847-998-8090
WWW.NIPSTA.ORG

Updated 09/11/2025

View all activities

Basic Operations Firefighter Academy

Registration Fee

Cost: - $4,000.00

This program will cover all the cognitive objectives in all three modules of the OSFM B.O.F. curriculum, as well as performing and testing on all practical hands-on skills, including extensive live-fire evolutions. Students will receive repetitive practice, review, and testing on all aspects of the program. Students will also be expected to participate in daily physical fitness training to ensure peak performance. By graduation students will have completed all required classroom lectures & practical evolutions.

REGISTER NOW

Open Sessions

Session	Days and Times	Dates	Location
Basic Operations Firefigh...	M 6:00 PM — 10:00 PM Th 6:00 PM — 10:00 PM S...	1/26/2026 — 6/27/2026	Tinley Park Fire Department Ro...
Basic Operations Firefigh...	M 8:00 AM — 5:00 PM Tu 8:00 AM — 5:00 PM W 8...	3/2/2026 — 5/1/2026	698 N. Birch Lane Romeoville, IL...
Basic Operations Firefigh...	M 8:00 AM — 5:00 PM Tu 8:00 AM — 5:00 PM W 8...	4/27/2026 — 6/26/2026	698 N. Birch Lane Romeoville, IL...
Basic Operations Firefigh...	Tu 6:00 PM — 10:00 PM Th 6:00 PM — 10:00 PM ...	7/14/2026 — 12/12/2026	698 N. Birch Lane Romeoville, IL...
Basic Operations Firefigh...	M 8:00 AM — 5:00 PM Tu 8:00 AM — 5:00 PM W 8...	8/3/2026 — 10/2/2026	698 N. Birch Lane Romeoville, IL...
Basic Operations Firefigh...	M 8:00 AM — 5:00 PM Tu 8:00 AM — 5:00 PM W 8...	10/12/2026 — 12/11/2026	698 N. Birch Lane Romeoville, IL...

CHOOSE THE TRAINING PATH THAT'S RIGHT FOR YOU

ACADEMY PROGRAM DETAILS:

- 7 week resident program
- Tuition: $8500
- Delivered at the IFSI main campus in Champaign
- Offered twice a year

Enrollment in the Academy program includes the following courses required for state and national certification:

- Firefighter I / NFPA 1010 - Basic Operations Firefighter
- Firefighter II / NFPA 1010 - Advanced Technician Firefighter
- American Heart Association CPR
- American Heart Association First-Aid
- Resiliency Development for First Responders
- Opioid Awareness
- Courage to Be Safe
- Fire Service Vehicle Operator
- Traffic Incident Management Awareness
- ICS 100/200/700
- Liquid Petroleum Gas (Propane) Firefighting

In order to meet OSFM and National certification standards, all students will need to complete Hazardous Materials Awareness and Operations the week following Academy completion unless they have already earned the certification. The Hazardous Materials Awareness and Operations class is grant funded and offered at no cost to the student.

Additional courses students may complete following Academy graduation include:

- EMT Basic
- Fire Apparatus Engineer
- Common Passenger Vehicle Rescue (formerly VMO)

BOF BLENDED PROGRAM DETAILS

- 20 week program with 10 weekend practicals
- Grant covered, no cost training
- Delivered at remote training sites located across the state
- Balances instructor supported online training with in-person weekend practicals
- Offered twice a year

Enrollment in the BOF program includes the following courses required for state and national certification:

- Firefighter I / NFPA 1010 - Basic Operations Firefighter
- Firefighter II / NFPA 1010 - Advanced Technician Firefighter
- American Heart Association CPR
- American Heart Association First-Aid
- Resiliency Development for First Responders
- Opioid Awareness
- Courage to Be Safe
- Fire Service Vehicle Operator
- Traffic Incident Management Awareness
- ICS 100/200/700
- Hazardous Materials Awareness and Operations

The courses listed above are included within the 20-week BOF program duration. Students should not register independently for each course. Enrollment in the Basic Operations and Advanced Technician Firefighter Blended program automatically enrolls students in the complete curriculum package.

Upon successful completion of either program, students will earn certification with Pro Board and IFSAC.

After Illinois students complete Fire Service Vehicle Operator through their fire department, they are eligible to apply for OSFM certification.

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Fire Chief David Schweihs
Date: 2026-04-28
Subject: A Resolution Approving a Second Amendment and Extension to the Agreement with Today's Uniforms, Inc. for Fire Department Uniforms

Overview

The Village contracts with a uniform vendor to provide required on-duty uniforms for Fire Department personnel.

Fiscal Impact

The adopted FY 2026-2027 Budget provides funding in account numbers 11-3100-653-01 in an amount not to exceed $77,710 and 11-3100-653-05 in an amount not to exceed $30,795 for the purchase of new Fire Department uniforms for personnel.

Recommendation

Approval.

Background

The Village contracts with a uniform vendor to provide specific clothing that on duty Fire Department personnel are required to wear for both identification and safety. The attached Resolution extends the current uniform contract for the Fire Department with Today's Uniforms, Inc. of Crystal Lake, IL ("*Vendor*") for FY27 which includes the necessary funds for the purchase of new Fire Department uniforms for personnel. Fire Department uniforms are administered in accordance with the Northbrook Professional Firefighters Association Local 1894 Collective Bargaining Agreement.

In July 2021, the Fire Department solicited bids for uniform services. Of the three bidders, Today's Uniforms, Inc., was recommended based upon meeting the Department's requirements for quality, inventory, selection, ordering, and the lowest cost. The Village Board approved an Agreement on August 24, 2021 via Village Board Resolution 2021-113 for a term beginning September 1, 2021, and ending April 30, 2025 with annual increases not to exceed the annual increase of the CPI. The approved Resolution included the option of extending for four additional one-year terms. The Village has already extended the contract for the first one-

year term in FY26 and Fire Department staff recommends extending the contract for the second one-year term, which would conclude on April 30, 2027. This extension will allow the Fire Department to maintain consistency in the management of Fire Department uniforms.

See the attached Vendor FY27 contract extension.

Fire Department staff will be available at the April 28, 2026 Village Board meeting to respond to any questions if necessary.

A Resolution Approving a Second Amendment and Extension to the Agreement with Todayâ€™s Uniforms, Inc. for Fire Department Uniforms
Exhibit A - Second Amendment to Uniform Agreement with Today's Uniforms, Inc.
Exhibit B - Today's Uniforms Inc. Contract
Exhibit C - 21-R-113 A Resolution Approving a Fire Department Uniform Contract with Today's Uniforms, Inc.
Exhibit D - Northbrook Fire Uniform Schedule of Prices 2026
Exhibit E - First Amendment to Uniform Agreement with Today's Uniforms Inc.

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving a Second Amendment and Extension to the Agreement with Today's Uniforms, Inc. for Fire Department Uniforms

is hereby adopted, as follows:

Section 1. Recitals

The Village's FY27 Annual Budget provides for an annual uniform allowance for members of the Northbrook Fire Department in account nos. 11-3100-653-01 and 11-3100-653-05. The uniform allowance allows fire department personnel to maintain and replace their uniforms in accordance with the Northbrook Professional Firefighters Association Local 1894 Collective Bargaining Agreement (CBA).

In July 2021, the Fire Department solicited bids for uniform services. Of the three bidders, Today's Uniforms, Inc. of Crystal Lake ("***Vendor***") was selected based upon meeting the Department's requirements for quality, inventory, selection, ordering, and the lowest cost. Village Board Resolution 2021-113 approved entering into an agreement with the Vendor to supply Fire Department uniforms beginning September 1, 2021, and ending April 30, 2025, with annual increases not to exceed the annual increase of the CPI ("***Agreement***"). The Agreement included the option of extending for four additional one-year terms.

In April 2025, the Village Board approved a Resolution adopting the First Amendment to the Agreement, extending the agreement for the first one-year term, ending on April 30, 2026, and providing for additional compensation during the extended term. To maintain consistency in the management of Fire Department uniforms, Fire Department staff recommend approving a Second Amendment to the Agreement, extending the Agreement for the second one-year term, which will end on April 30, 2027, and providing for compensation to the Vendor during the extended term, as set forth in ***Exhibit A*** ("***Second Amendment***").

The President and Board of Trustees have considered the Second Amendment and determined that it is in the best interest of the Village and the public to approve the Second Amendment with the Vendor.

Section 2. Approval of the Second Amendment.

The Second Amendment shall be, and is hereby, approved in a form acceptable to the Village Attorney and the Village Manager.

Section 3. Authorization to Second Amendment.

The Village Manager shall be, and is hereby, authorized and directed to execute, on behalf of the Village, the Second Amendment. The Village Manager is also authorized to execute such documents and

make such payments as are necessary to procure the Fire Department uniforms from the Vendor at the prices set forth in ***Exhibit A***.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:
AWAY:

_____
Village President

ATTEST:

_____
Village Clerk

SECOND AMENDMENT TO AGREEMENT
BY AND BETWEEN THE VILLAGE OF NORTHBROOK AND
TODAY'S UNIFORMS, INC.

April 9th

THIS IS A SECOND AMENDMENT (***"Second Amendment"***), dated as of _____, 2026 (***"Effective Date"***), to the Agreement dated August 24, 2021 (***"Agreement"***), by and between the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation ("***Village***"), and **TODAY'S UNIFORMS, INC.**, an Illinois corporation ("***Consultant***"). In consideration of the mutual promises of the parties hereto made each to the other and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, along with the statutory and home rule powers of the Village, the Village and the Consultant hereby agree as follows:

Section 1. Recitals.

A. On August 24, 2021, the Village and Consultant entered into the Agreement, for an initial term of August 1, 2021 through April 30, 2025.

B. Section 2 of the Agreement sets forth the compensation to be paid to the Consultant under the Agreement ("***Compensation***").

C. Section 3 of the Agreement states that upon mutual agreement, the Agreement may be extended for four, one-year optional extensions running from May 1 to April 30 of each year ("***Extension***").

D. Section 7 of the Agreement provides that no amendment or modification to the Agreement is effective unless it is in writing and agreed to by the Village and the Consultant.

E. The Village and Consultant desire to amend the Agreement to extend the Agreement for an additional year ("***Extension Term***") and provide for Compensation during the Extension Term (collectively, the "**Second *Amendment***").

Section 2. Definitions; Rules of Construction.

All capitalized words and phrases used throughout this First Amendment have the meanings set forth in the various provisions of this First Amendment. If a word or phrase is not specifically defined in this First Amendment, it has the same meaning as in the Agreement.

Section 3. Amendments to the Agreement.

A. The Agreement is amended to extend the term of the Agreement for a new one-year term from May 1, 2026, to April 30, 2027.

B. Section 2 of the Agreement is hereby amended, to provide that the Compensation to be provided to the Consultant during the Extension Term is as set forth on the invoice attached to this First Amendment as *Exhibit A*.

Section 4. Effect.

All terms, conditions and provisions of the Agreement that are not specifically amended, modified, or supplemented by this First Amendment shall remain unchanged and in full force and effect as if fully set forth herein. In the event of a conflict between the text of the Agreement and the text of this Second Amendment, the Second Amendment shall control.

Section 5. Representations.

A. By Village. The Village hereby represents and warrants that: (1) the persons executing this First Amendment on its behalf have been properly authorized to do so by the Corporate Authorities; (2) it has full power and authority to execute and deliver this First Amendment and to perform all of its obligations imposed pursuant to this Second Amendment; and (3) this Second Amendment constitutes a legal, valid and binding obligation of Village enforceable in accordance with its terms.

B. By Consultant. The Consultant hereby represents and warrants that: (1) the persons executing this First Amendment on its behalf have full authority to bind the Consultant to the obligations set forth in this First Amendment and to so act on behalf of the Consultant; (2) it has full power and authority to execute and deliver this First Amendment and to perform all of its obligations imposed pursuant to this Second Amendment; and (3) this Second Amendment constitutes a legal, valid and binding obligation of the Consultant enforceable in accordance with its terms.

Section 6. Counterpart Execution.

This Second Amendment may be executed in several counterparts, each of which, when executed, will be deemed to be an original, but all of which together will constitute one and the same instrument.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have executed this First Amendment to the Agreement as of the day and year first above written.

VILLAGE OF NORTHBROOK, an Illinois home rule municipal corporation

By: _____

ATTEST:

By: _____

Its: _____

CONSULTANT:

TODAY'S UNIFORMS, INC.

By: Penny D Keck

ATTEST:

By: Abigail Klein

Its: Store manager

VILLAGE OF NORTHBROOK

CONTRACT/PROPOSAL FOR CLOTHING/APPAREL FOR THE FIRE DEPARTMENT

Full Name of Bidder Today's Uniforms Inc. ("*Bidder*")

Principal Office Address 58. N. Williams Street

Local Office Address Crystal Lake, IL 60014

Contact Person Penny Keck Telephone Number 815.479.1315

TO: Northbrook Fire Department
1840 Shermer Road
Northbrook, Illinois 60062
Attention: **Lt. Kristopher Gray**

Bidder warrants and represents that Bidder has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos.___None_____, which are securely stapled to the end of this Contract/Proposal.

1. **Proposal to Provide Products**

A. Contract and Products. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall, make available, the products, items, materials, merchandise, supplies, or other items identified in the Request for Proposals attached hereto (***"Products"***) in new, undamaged, and first-quality condition. Bidder further proposes to:

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner specified and described in this Contract/Proposal, all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary to provide the Products to the Village in a proper and workmanlike manner;

2. Permits. Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary for the Products;

3. Bonds and Insurance. Procure and furnish all bonds and all insurance certificates and policies of insurance, if any, specified in this Contract/Proposal;

4. Taxes. Pay all applicable federal, state, and local taxes; and

5. Miscellaneous. Do all other things required of Bidder by this Contract/Proposal.

B. Performance Standards. If this Contract/Proposal is accepted, Bidder proposes and agrees that the Products will comply strictly with the following Specifications:

- Village of Northbrook Fire Department employees must be able to visit a local store to take measurement for all clothing items. If a physical store is not located within 25 miles of the Northbrook Fire Department headquarters, measurements of all current uniformed employees of the Department must be taken by the successful vendor within four weeks of contract award at no additional charge. The vendor shall come to the Fire Department and take measurements for shirts, pants, belts, jackets, footwear, and shall provide the measurement information to the Fire Department. The Village will refer to those measurements when placing orders.

- Vendor shall accept orders via online or telephone only.

- Turnaround time for embroidery/screenprinting service shall be stated in the bidder's proposal.

- Orders shall be filled upon receipt. Village employees shall be able to purchase items and carry them from a physical storefront. If shipping is required it shall be done immediately upon order completion. No individual order shall be delayed in order to ship it with a group of other orders. When delivery to the Village department is required, it shall be made F.O.B. No additional charges for delivery will be acceptable.

- All backorders shall be shipped to the Village department immediately upon availability. Shipping of any individual backorder shall not be delayed in order to ship it with a group of other backorders. Vendors shall advise the average length of time required for backorders in the bid proposal. The Village understands this is an estimate only based on the Bidder's previous experience with the required products.

- Bid submittals shall include the company's *Return/Exchange Policy* for the Village's review. It is expected that all credits for returns or exchanges will be received by the Village within two weeks of the actual date of the return or exchange.

- All uniforms and equipment shall carry the standard manufacturer's warranty. Bid submittals shall include warranty information for each item bid.

- Village of Northbrook Fire Department employees shall purchase items through the use of a online voucher system that is restricted to the items contained in this pre-approved list and the prices that are contractually agreed upon.

If this Contract/Proposal specifies a Product by brand name or model, that specification is intended to reflect the required performance standards and standard of excellence that the Village requires for the Product. However, Bidder may propose to deliver a Product that is a different brand or model, if Bidder provides, within its bid, written documentation establishing that the brand or model it proposes to deliver possess equal quality, durability, functionality, capability, and features as the Product specified.

C. Responsibility for Damage or Loss. If this Contract/Proposal is accepted, Bidder proposes and agrees that Bidder shall be responsible and liable for, and shall promptly and without charge to the Village, repair or replace, any damage done to, and any loss or injury suffered by, the Village as a result of Bidder's failure to perform hereunder.

D. Inspection/Testing/Rejection. The Village shall have the right to inspect all or any part of the Products. If, in the Village's judgment, all or any part of the Products is defective or damaged or fails to conform strictly to the requirements of this Contract/Proposal, then the Village, without limiting its other rights or remedies, may, at its discretion: (i) reject such Products; (ii) require Bidder to correct or replace such Products at Bidder's cost; (iii) obtain new Products to replace the Products that are defective, damaged, or nonconforming and charge Bidder with any excess cost incurred thereby; and/or (iv) cancel all or any part of any order or this Contract/Proposal. Products so rejected may be returned or held at Bidder's expense and risk.

2. Contract Price Proposal

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall make the Products available to the Village in accordance with the attached Schedule of Prices.

A. Basis for Determining Prices

It is expressly understood and agreed that:

1. All prices stated in the Schedule of Prices are firm and shall only be subject to escalation or change on May 1st of each contract year not to exceed the CPI

2. The Village is not subject to state or local sales, use, and excise taxes, and no such taxes are included in the Schedule of Prices, and that all claims or rights to claim any additional compensation by reason of the payment of any such tax are hereby waived and released;

3. If the prices for a certain product vary by product size, the bidder must provide a price for each size that is to be made available;

4. All other applicable federal, state, and local taxes of every kind and nature applicable to the Products are included in the Schedule of Prices; and

5. If a Quantity of Products to be made available to the Village is specified on Page 1 of the Request for Proposals, such amount is an estimate only. The Village reserves the right to increase or decrease such quantity, and the total Contract Price to be paid will be based on the final quantity determined by the Village for each Product and the actual number of Products that comply with this Contract/Proposal that are accepted by the Village. Bidder hereby waives and releases all claims or rights to dispute or complain of any such estimated quantity or to assert that there was any misunderstanding in regard to the number of Products to be made available.

B. Time of Payment

It is expressly understood and agreed that all payments shall be made in accordance with the following schedule:

- Account statements and invoices shall be provided to the Village of Northbrook Finance Department for payment. Payment shall be made via check or electronic transfer, subject to the Village's purchasing procedures and legally required approvals.

All payments may be subject to deduction or set off by reason of any failure of Bidder to perform under this Contract/Proposal.

3. Contract Time Proposal and Term

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall make available the Products to the Village not later than 30 days after the Contract/Proposal is accepted. The initial term of this contract shall begin on August 1, 2021 and run through April 30, 2025 subject, however, to the right of the Village to cancel and terminate the same at any time by giving a thirty day notice in writing to the contractor. In the event of such cancellation, the contractor shall be entitled to receive payment for services and work performed and materials and equipment furnished under the terms of the contract prior to the effective date of such cancellation, but will not be entitled to receive any damages on account of such or any further payment whatsoever.

Upon mutual agreement, this contract may be extended for up to four, one year optional extension running from May 1to April 30 of each year.

4. Financial Assurance

A. Indemnification. If this Contract/Proposal is accepted, Bidder proposes and agrees that Bidder shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance, or failure to perform, under this Contract/Proposal, including, without limitation, any failure to meet the representations and warranties set forth in Section 6 of this Contract/Proposal.

B. Penalties. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance, or failure to perform, under this Contract/Proposal.

5. Firm Proposal

All prices and other terms stated in this Contract/Proposal are firm and shall not be subject to withdrawal, escalation, or change provided the Village accepts this Contract/Proposal within 45 days after the date this sealed Contract/Proposal is opened.

6. Bidder's Representations and Warranties

In order to induce the Village to accept this Contract/Proposal, Bidder hereby represents and warrants as follows:

A. The Products. All Products, and all of their components, shall be of merchantable quality and, for a

period of not less than one year after purchase by the Village: (1) shall be free from any latent or patent defects or flaws in workmanship, materials, and design; (2) shall strictly conform to the requirements of this Contract/Proposal, including, without limitation, the performance standards set forth in Subsection 1B of this Contract/Proposal; and (3) shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Proposal. The warranties expressed herein shall be in addition to any other warranties applicable to the Products (including any manufacturer's warranty) expressed or implied by law, which are hereby reserved unto the Village.

B. Compliance with Laws. All Products, and all of their components, shall comply with, and Bidder agrees to be bound by, all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time. Every provision required by law to be inserted into this Contract/Proposal shall be deemed to be inserted herein.

C. Not Barred. Bidder is not barred by law from contracting with the Village or with any other unit of state or local government as a result of: (1) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; (2) a violation of either Section 33E-3 or Section 33E-4 of Article 33 of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq.; or (3) any other reason.

D. Qualified. Bidder has the requisite experience, ability, inventory, capital, facilities, equipment, plant, organization, and staff to enable Bidder to deliver the Products at the Contract Price and within the Contract Time Proposals set forth above.

7. **Acknowledgements**

In submitting this Contract/Proposal, Bidder acknowledges and agrees that:

A. Reliance. The Village is relying on all warranties, representations, and statements made by Bidder in this Contract/Proposal.

B. Reservation of Rights. The Village reserves the right to reject any and all proposals, reserves the right to reject the low price proposal, and reserves such other rights as are set forth in the Instructions to Bidders.

C. Acceptance. If this Contract/Proposal is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Proposal and in the Village's written notification of acceptance in the form included in this bound set of documents.

D. Remedies. Each of the rights and remedies reserved to the Village in this Contract/Proposal shall be cumulative and additional to any other or further remedies provided in law or equity or in this Contract/Proposal.

E. Time. Time is of the essence in the performance of all terms and provisions of this Contract/Proposal. Except where specifically stated otherwise, references in this Contract/Proposal to days shall be construed to refer to calendar days and time.

F. No Waiver. No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by the Village, whether before or after the Village's acceptance of this Contract/Proposal; nor any information or data supplied by the Village, whether before or after the Village's acceptance of this Contract/Proposal; nor any order by the Village for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the any Product by the Village; nor any extension of time granted by the Village; nor any delay by the Village in exercising any right under this Contract/Proposal; nor any other act or omission of the Village shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Product, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Bidder; or of any requirement or provision of this Contract/Proposal; or of any remedy, power, or right of the Village.

G. Severability. It is hereby expressed to be the intent of the parties to this Contract/Proposal that should any provision, covenant, agreement, or portion of this Contract/Proposal or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract/Proposal and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract/Proposal to the greatest extent permitted by applicable law.

H. Amendments and Modifications. No amendment or modification to this Contract/Proposal shall be

effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

I. Assignment. Neither this Contract/Proposal, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Bidder except upon the prior written consent of the Village.

J. Governing Law. This Contract/Proposal shall be governed by, construed and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

DATED this 14th day of July 2021

Bidder's Status: (✓ IL (State) Corporation ( ) _____ (State) Partnership ( )Individual Proprietor

Bidder's Name: _____

Doing Business As (if different): _____

Signature of Bidder or Authorized Agent: Penny Keck

(corporate seal)
(if corporation)

Printed Name: Penny Keck

Title/Position: OWNER

Bidder's Business Address: 58N. Williams Street Crystal Lake, IL 60014

Bidder's Business Telephone: 815.479.1315 815.479.1302 Facsimile:

If a Corporation or Partnership, list all Officers or Partners:

NAME	TITLE	ADDRESS
Penny Keck	OWNER 100%	590 Glenbrooke Rd CLIL

Schedule of Prices

Schedule of Prices							
Item #	Item Description	Brand	Product	Color	Embroidery and Patch	Price	
						Regular	Big & Tall
1	Horace Small short sleeve poly-cotton blend, white in color with clear buttons	Horace Small	HS1212	White	Yes	35.95	39.95
2	Horace Small long sleeve poly-cotton blend, white in color with clear buttons	Horace Small	HS1116	White	Yes	39.95	42.95
3	Horace Small short sleeve poly-cotton blend, dark navy in color with dark navy buttons	Horace Small	HS1208	Dark Navy	Yes	35.95	39.95
4	Horace Small long sleeve poly-cotton blend, dark navy in color with dark navy buttons	Horace Small	HS1112	Dark Navy	Yes	39.95	42.95
5	5.11 Tactical short sleeve polo, white in color with white buttons	5.11	5.11-41060	White	Yes	40.95	40.95
6	5.11 Tactical long sleeve polo, white in color with white buttons	5.11	5.11-42056	White	Yes	45.95	45.95
7	First Tactical short sleeve polo, white in color with white buttons	First Tactical	1125090-010	White	Yes	38.95	38.95
8	5.11 Tactical short sleeve polo, dark navy in color with dark navy buttons	5.11	5.11-41060	Dark Navy	Yes	40.95	40.95
9	5.11 Tactical long sleeve polo, dark navy in color with dark navy buttons	5.11	5.11-42056	Dark Navy	Yes	45.95	45.95
10	First Tactical short sleeve polo, dark navy in color with dark navy buttons	First Tactical	112509-729	Dark Navy	Yes	38.95	38.95
11	5.11 Tactical ¼ zip job shirt in dark navy	5.11	5.11-72314	Dark Navy	Yes	62.95	64.95
12	Propper ¼ zip job shirt in dark navy	Propper	F-5484	Dark Navy	Yes	50.95	55.95
13	5.11 Tactical Utili-T crew short sleeve T-shirt in white	5.11	5.11-71309	White	Silk Screen		
14	5.11 Tactical Professional short sleeve T-shirt in dark navy	5.11	5.11-71309	Dark Navy	Silk Screen	22.95	25.95
15	Gildan Dry Blend T-shirt in dark navy	Gildan		Dark Navy	Silk Screen	6.95	10.95
16	Horace Small 4 pocket station pant with comfort waistband and 65% polyester/ 35% cotton in dark navy	Horace Small	HS2734	Dark Navy	No	50.95	54.95

17	5.11 Stryke Pant with comfort waistband, Teflon coating, gusseted construction and Flex-tac ripstop stretch fabric in dark navy	5.11	5.11-74369	Dark navy	No	69.95	72.95
18	5.11 Apex Pant with comfort waistband, Teflon coating, gussetes construction, and Flex-tac ripstop stretch fabric in dark navy	5.11	5.11-74434	Dark Navy	No	72.95	75.95
19	Anchor Uniforms 100% Polyester dress pant with permanent military creases with four pockets and ¾" belt loops in dark navy	EB350 Anchor	ES941 AU230-PY	Dark navy	No	37.95	39.95
20	Horace Small 100% Polyester long sleeve shirt with clear buttons in white	EB650 Horace Small	310N HS1149	White	Patches Only	35.95	39.95
21	Anchor Uniforms, Command Single Breasted 100% Polyester Dress Coat	EB360 Anchor	AU-210PY	Dark Navy	EB360 Patches Only Anchor →	134.95 149.95	144.95 159.95
22	Redback 6" Slip on or its equivalent	Redback	USBBK	Black	No	140—	140—
23	Thorogood Poromeric Academy Oxford shoe or equivalent	Thorogood	WB-8316031	Black	No	69.95	69.95
24	5.11 Hi-Vis Responder Parka	5.11		Hi-Vis Yellow over Dark Navy	Embroidered name patch and screened	265—	265—
25	Chicago Cap Company Round top Class A leatherette cap or equivalent	Chicago Cap		Dark navy	No	50.95	52.95
26	New Era Flex-Fit dark navy baseball cap	New Era	NE-1020-D6725	Dark Navy	Yes	19.95	19.95
27	Fold over knit 12" dark navy winter cap or its equivalent	Any		Dark Navy	Yes	10.50	10.50
28	9" Badger Pro Mesh pocketed short in dark navy with Northbrook logo embroidered on left thigh area	Badger	7219	Dark Navy	Yes	19.95	22.95
29	Boston Leather belt, black, plain, 1.75"	Boston Leather		Black	No	21.95	25.95
30	Clip on tie or four in hand, black, wool blend	Any		Black	No	7.95	7.95

*Price should be inclusive of embroidery cost.
**The Village recognizes that there will be various prices for boots based on the brand. Please provide a range of prices.
*** This item will be a one-time purchase and will not be added to the uniform list.

List of References

Name of Organization: Wheeling Fire Department
Address: 499 S. Milwaukee Ave.
Wheeling IL 60090

Contact Name: Vito Lanciotti or DC. Steve Mella
Phone Number: 847.459.2662

Name of Organization: Hoffman Estates Fire
Address: 1700 Moon Lake BLVD
Hoffman Estates, IL 60169

Contact Name: David Ganziano
Phone Number: 847.843.4825

Name of Organization: Rolling Meadows
Address: 82 Woodcrest Lane
Elk Grove Village, IL 60007

Contact Name: Chief Jeff Markey
Phone Number: 847.909.1512

ACCEPTANCE

The Contract/Proposal attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of the Village of Northbrook ("***Village***") this 24 day of August 2021.

This Acceptance, together with the Contract/Proposal attached hereto, constitutes the entire and only agreement between the parties relating to the Products and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgement, invoice, or other standard form used by the parties in the performance of the Contract/Proposal. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by the Village without further notice of objection and shall be of no effect nor in any circumstances binding upon the Village unless accepted by the Village in a written document plainly labeled "Amendment to Agreement." Acceptance or rejection by the Village of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

VILLAGE OF NORTHBROOK

By: _____
Richard A. Nahrstadt, Village Manager

_____
Debbie Ford, Administrative Services Director
Village Clerk

Additional References

Name of Organization: Northfield Fire Rescue

Address: 1800 Winnetka Rd.
Northfield IL., 60093

Contact Name: Michael Nystrand
Phone Number: (847) 441-3800

Name of Organization: Red Center Dispatch

Address: 1842 Shermer Rd
Northbrook IL 60062

Contact Name: Chris Lienhardt
Phone Number: (847) 498-5897

Name of Organization: Evanston Fire Dept.

Address: 909 E Lake St.
Evanston IL 60201

Contact Name: Matt Grizely
Phone Number: (224) 558-6950

Name of Organization: Glencoe Public Safety

Address: 325 Hazel Ave.
Glencoe IL 60022

Contact Name: Matt Esposito
Phone Number: (847) 835-4112

Today's Uniforms

Return / Exchange Policy

Items in original condition may be returned or exchanged within 30 days of delivery when accompanied by your original invoice/packing list. Items that have been washed, worn, or embellished cannot be returned. Any item that may be eligible for a return or exchange must be approved by the management team.

All items that are embroidered are not eligible for returns under any circumstances. We do offer the option of changing names, or ranks on garments, on a case-by-case basis.

All manufacturer warranties remain in place, and we are happy to assist with the replacement of any defective items.

Today's Uniforms

58 N. Williams St.
Crystal Lake, IL 60014
(815) 479 - 1315
todaysuniforms@gmail.com

Resolution 2021-113

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving an Agreement with Today's Uniforms, Inc. for Fire Department Uniforms

is hereby adopted, as follows:

Section 1. Recitals

The Village's FY 2021/22 Annual Budget provides for an annual uniform clothing allowance for members of the Northbrook Fire Department in Account Nos. 11-3100-653-01 and 653-05. The allowance includes all uniform clothing required except certain personal protective equipment.

In July 2021, the Fire Department solicited bids for uniform services. Unique Apparel Solutions of Elk Grove, VCG Uniform of Chicago, and Today's Uniforms, Inc. of Crystal Lake submitted bids. Of the three bidders, Today's Uniforms, Inc. ("***Vendor***") is recommended to meet the Department's requirements for quality, inventory, selection, and ordering at the lowest pricing.

Staff recommends entering into an agreement with the Vendor to supply Fire Department uniforms beginning September 1, 2021 and ending April 30, 2025 with annual increases not to exceed the annual increase in the CPI and the option of extending for four additional one-year terms.

The President and Board of Trustees have considered this agreement and determined that it is in the best interest of the Village and the public to approve the agreement.

Section 2. Authorization of Expenditure

The Village Manager is hereby authorized and directed to execute such documents and make such payments as are necessary to complete procurement of Fire Department uniforms from the Vendor in accordance with the schedule of prices submitted by the Vendor in July 2021 and attached hereto as ***Exhibit A***.

Adopted: 8/24/2021

RESULT:	**ADOPTED BY CONSENT VOTE [5 TO 0]**
MOVER:	Bob Israel, Trustee
SECONDER:	Heather Ross, Trustee
AYES:	Israel, Collison, Ross, Pepoon, Ebhomielen
ABSTAIN:	Kathryn Ciesla
ABSENT:	Johannah Hebl

ATTEST:

_____
Village President

_____
Village Clerk

Schedule of Prices

Schedule of Prices							
Item #	Item Description	Brand	Product	Color	Embroidery and Patch	Price	
						Regular	Big & Tall
1	Elbeco short sleeve Class B Paragon Plus Short Sleeve Shirt poly-cotton blend-Women's	Elbeco	ELB - P854LC	Navy	Yes	$55.95	$65.95
2	Elbeco short sleeve Class B Paragon Plus Long Sleeve Shirt poly-cotton blend-Women's	Elbeco	ELB-P844LC	Navy	Yes	$59.95	$69.95
3	Elbeco short sleeve Class B Paragon Plus Short Sleeve Shirt poly-cotton blend-Men's	Elbeco	ELB - P834	Navy	Yes	$55.95	$65.95
4	Elbeco short sleeve Class B Paragon Plus Long Sleeve Shirt poly-cotton blend-Men's	Elbeco	ELB-P824	Navy	Yes	$55.95	$69.95
5	5.11 Tactical **short** sleeve polo, white in color with white buttons	5.11	5.11-41060	White	Yes	$62.95	$62.95
6	5.11 Tactical **long** sleeve polo, white in color with white buttons	5.11	5.11-42056	White	Yes	$62.95	$62.95
7	Elbeco short sleeve Class B Paragon Plus Short Sleeve Shirt poly-cotton blend-Men's	Elbeco	ELB - P867	White	Yes	$55.95	$65.95
8	Elbeco short sleeve Class B Paragon Plus Long Sleeve Shirt poly-cotton blend-Men's	Elbeco	ELB-P877	White	Yes	$59.95	$69.95
9	Hanes Beefy T-Shirt Long sleeve-White	Hanes	5186	White	No	$15.95	$18.95
10	Hanes Beefy T-Shirt Short sleeve-White	Hanes	5180	White	No	$13.95	$17.95
11	5.11 Tactical **short** sleeve polo, dark navy in color with dark navy buttons	5.11	5.11-41060	Dark Navy	Yes	$55.95	$55.95
12	5.11 Tactical **long** sleeve polo, dark navy in color with dark navy buttons	5.11	5.11-42056	Dark Navy	Yes	$62.95	$62.95
13	Gildan T-Shirt Short sleeve	Gildan	SM-8000	Dark Navy	No	$10.95	$10.95
14	Gildan T-SHIRT WHITE	GILDAN	SM-8000-2 WHITE	White		$10.95	$10.95
15	5.11 Tactical ¼ zip job shirt in dark navy	5.11	5.11-72314	Dark Navy	Yes	$82.95	$82.95
16	5.11 Tactical Utili-T crew short sleeve T-shirt in white	5.11	5.11-40016	White	Silk Screen	$59.95	$59.95
17	5.11 Tactical Professional short sleeve T-shirt in dark navy	5.11	5.11-71309	Dark Navy	Silk Screen	$49.95	$49.95

18	Gildan Dry Blend T-shirt in dark navy	Gildan	SM-8000	Dark Navy	Silk Screen	$10.95	$10.95
19	Elbeco Men's Non-Cargo Pant ELB-E2804	Elbeco	ELB-E2804	Dark Navy	No	$59.95	$59.95
20	Elbeco Women's Non-Cargo Pant ELB-E2814LC	Elbeco	ELB-E2814LC	Dark Navy	No	$59.95	$59.95
21	5.11 Stryke Pant with comfort waistband, Teflon coating, gusseted construction and Flex-tac ripstop stretch fabric in dark navy	5.11	5.11-74369	Dark navy	No	$84.95	$84.95
22	5.11 Apex Pant with comfort waistband, Teflon coating, gussets construction, and Flex-tac ripstop stretch fabric in dark navy	5.11	5.11-74434	Dark Navy	No	$89.95	$89.95
23	Elbeco Men's Class A Pants Top Authority 4-Pocket Dress	Elbeco	ELB-E8941	Dark navy	No	$62.95	$62.95
24	Elbeco Men's TexTrop2 long sleeve shirt	Elbeco	ELB-310N	White	Patches Only	$59.95	$59.95
25	Elbeco Class A Jacket	Elbeco	ELB-DC13800	Dark Navy	Patches Only	$149.95	$209.00
26	Redback 6" Slip on or its equivalent with Safety Toe	Redback	USBBK	Black	No	$195.00	$195.00
27	Thorogood 6" Black Quick Release Station Boot with Safety Toe	Thorogood	FT2649	Black	No	$135.95	$135.95
28	Thorogood Class A Shoe	Thorogood	THO-8316031	Black	No	$89.95	$89.95
29	5.11 Sock 3 pack	5.11	5.11	Black	No	$29.95	$29.95
30	Game 3555 HI-VIS Class 2 Rescue Jacket	Game	GM-3555	Hi-Vis Yellow over Dark Navy	Embroidered name patch and screened	$305.00	$305.00
31	Round Top-Class A leatherette cap or equivalent			Dark navy	No	$109.95	$109.95
32	Round Top-Class A Leatherette cap or equivalent			White	No	$119.00	$119.00
33	New Era Flex-Fit dark navy baseball cap	New Era	NE-1020-D6725	Dark Navy	Yes	$27.95	$27.95
34	New Era Flex-Fit dark navy	New Era	NE-200-D6725	Dark Navy	Yes	$27.95	$27.95
35	Fold over knit 12" dark navy winter cap or its equivalent	Port and Company	SM-CP90	Dark Navy	Yes	$15.95	$15.95
36	9" Badger Pro Mesh pocketed short in dark navy with Northbrook logo embroidered on left thigh area	Badger	7219	Dark Navy	Yes	$24.95	$24.95
37	Boston Leather belt, black,	Boston	BOS -	Black	No	$35.95	$35.95

	plain, 1.75"	Leather	6505				
38	Clip on tie or four in hand, black, wool blend	Any		Black	No	$10.95	$10.95

*Price should be inclusive of embroidery cost.
**The Village recognizes that there will be various prices for boots based on the brand. Please provide a range of prices.
*** This item will be a one-time purchase and will not be added to the uniform list.

FIRST AMENDMENT TO AGREEMENT
BY AND BETWEEN THE VILLAGE OF NORTHBROOK AND
TODAY'S UNIFORMS, INC.

THIS IS A FIRST AMENDMENT (***"First Amendment"***), dated as of _____, 2025 (***"Effective Date"***), to the Agreement dated August 24, 2021 (***"Agreement"***), by and between the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation ("***Village***"), and **TODAY'S UNIFORMS, INC.**, an Illinois corporation ("***Consultant***"). In consideration of the mutual promises of the parties hereto made each to the other and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, along with the statutory and home rule powers of the Village, the Village and the Consultant hereby agree as follows:

Section 1. Recitals.

A. On August 24, 2021, the Village and Consultant entered into the Agreement, for an initial term of August 1, 2021 through April 30, 2025.

B. Section 2 of the Agreement sets forth the compensation to be paid to the Consultant under the Agreement ("***Compensation***").

C. Section 3 of the Agreement states that upon mutual agreement, the Agreement may be extended for four, one-year optional extensions running from May 1 to April 30 of each year ("***Extension***").

D. Section 7 of the Agreement provides that no amendment or modification to the Agreement is effective unless it is in writing and agreed to by the Village and the Consultant.

E. The Village and Consultant desire to amend the Agreement to extend the Agreement for an additional year ("***Extension Term***") and provide for Compensation during the Extension Term (collectively, the "***First Amendment***").

Section 2. Definitions; Rules of Construction.

All capitalized words and phrases used throughout this First Amendment have the meanings set forth in the various provisions of this First Amendment. If a word or phrase is not specifically defined in this First Amendment, it has the same meaning as in the Agreement.

Section 3. Amendments to the Agreement.

A. The Agreement is amended to extend the term of the Agreement for a new one-year term from May 1, 2025 to April 30, 2026.

B. Section 2 of the Agreement is hereby amended, to provide that the Compensation to be provided to the Consultant during the Extension Term is as set forth on the invoice attached to this First Amendment as *Exhibit A*.

Section 4. Effect.

All terms, conditions and provisions of the Agreement that are not specifically amended, modified, or supplemented by this First Amendment shall remain unchanged and in full force and effect as if fully set forth herein. In the event of a conflict between the text of the Agreement and the text of this First Amendment, the First Amendment shall control.

Section 5. Representations.

A. By Village. The Village hereby represents and warrants that: (1) the persons executing this First Amendment on its behalf have been properly authorized to do so by the Corporate Authorities; (2) it has full power and authority to execute and deliver this First Amendment and to perform all of its obligations imposed pursuant to this First Amendment; and (3) this First Amendment constitutes a legal, valid and binding obligation of Village enforceable in accordance with its terms.

B. By Consultant. The Consultant hereby represents and warrants that: (1) the persons executing this First Amendment on its behalf have full authority to bind the Consultant to the obligations set forth in this First Amendment and to so act on behalf of the Consultant; (2) it has full power and authority to execute and deliver this First Amendment and to perform all of its obligations imposed pursuant to this First Amendment; and (3) this First Amendment constitutes a legal, valid and binding obligation of the Consultant enforceable in accordance with its terms.

Section 6. Counterpart Execution.

This First Amendment may be executed in several counterparts, each of which, when executed, will be deemed to be an original, but all of which together will constitute one and the same instrument.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have executed this First Amendment to the Agreement as of the day and year first above written.

VILLAGE OF NORTHBROOK, an Illinois home rule municipal corporation

By: _____

ATTEST:

By: _____

Its: _____

CONSULTANT:

TODAY'S UNIFORMS, INC.

By: _____

ATTEST:

By: Abigail Klein

Its: Accounting Specialist

Exhibit A

Invoice

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Fire Chief David Schweihs
Date: 2026-04-28
Subject: A Resolution Waiving Competitive Bidding and Approving a Contract Extension for Fire Department Turnout Gear

Overview
The Fire Department is seeking approval to continue purchasing Turnout Gear from the same manufacturer it currently uses through February 28, 2027.

Fiscal Impact
The adopted FY 2026-2027 Budget provides funding in Account Number 11-3100-653-02 not to exceed $42,825 and in Account Number 11-3100-653-05 not to exceed $32,795 for the purchase of turnout gear.

Recommendation
Approval.

Background

The Fire Department is seeking authorization to waive competitive bidding and extend the current Contract which expired at the end of calendar year 2025 for the purchase of turnout gear from W.S. Darley International Sales Corporation of Itasca, IL ("*Vendor*") through February 28, 2027. Fire Department turnout gear is administered in accordance with the Northbrook Professional Firefighters Local 1894 Collective Bargaining Agreement. In addition, turnout gear is also replaced when damaged beyond repair, and according to NFPA 1581, which requires retirement from service 10 years after the date of manufacture.

The Fire Department's turnout gear has been manufactured by Morning Pride since 2003, which is owned by the Honeywell Corporation and is supplied to the Village by W.S. Darley International Sales of Itasca, IL. In 2024, a staff committee in the Fire Department was formed to evaluate firefighting turnout gear to determine which product best meets the needs of the Fire Department. The review focused on turnout gear manufactured by Morning Pride, FireDex, and Globe with Gear supplied from the three manufacturers with similar specifications and comparable breathability and thermal protection ratings. Additionally, the

three sets were priced within $140 (3.98%) of each other. Testing involved wear testing during general use while on duty, mobility testing during an active consumption drill involving climbing, crawling, and carrying equipment, and interior live fire training at the Northeastern Illinois Public Safety Training Academy (NIPSTA). It was determined during this comprehensive evaluation process that the Fire Department's current turnout gear, Morning Pride, is still the best option amongst the comparable manufacturers, and continues to meet or exceed NFPA standards and Departmental needs.

W.S. Darley International Sales Corporation of Itasca, IL is the Vendor for Morning Pride, and has agreed to extend the contract through February 28, 2027. The contract extension includes a 9.9% increase in pricing from 2025 due to inflation in cost of source materials. The current Vendor has provided exceptional customer service to the Fire Department, and provides a high quality, dependable product. Based upon these factors, Fire Department staff recommends a contract extension with the Vendor through February 28, 2027. See the attached Vendor contract extension.

Fire Department staff will be available at the April 28, 2026 Village Board meeting to respond to any questions if necessary.

Resolution_Contract_Extension_2026-2027_FD_Turnout_Gear_W.S_Darley.docx
Exhibit A - Darley Contract 2026
Exhibit B - Bunker Gear Committee Final Report

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Waiving Competitive Bidding and Approving a Contract Extension for Fire Department Turnout Gear

is hereby adopted, as follows:

Section 1. Recitals.

The Village's annual budget provides for the purchase of turnout gear for Fire Department personnel. Since 2003, the Fire Department has supplied personnel with Morning Pride turnout gear which is provided by W.S. Darley International Sales Corporation of Itasca, IL ("***Vendor***").

The Fire Department recently formed a turnout gear committee to evaluate firefighting turnout gear from major manufacturers to determine which product best meets the needs of the Fire Department. Gear supplied from the manufacturers had similar specifications and costs. The committee determined through a comprehensive evaluation process that the Fire Department's current Morning Pride turnout gear is still the best option amongst comparable manufacturers, and continues to meet or exceed NFPA standards and departmental needs.

Due to exceptional customer service and the high quality, dependable product provided by Vendor, the Village has expressed an interest in extending the current contract with Vendor through February 28, 2027. The Vendor has agreed to extend the contract with the Village. The Village's FY27 Annual Budget (Account No. 11-3100-653-02 and 11-3100-653-05) provides sufficient funds to cover the cost of this contract extension.

Based on these factors, Village staff recommends the Village Board waive formal, competitive bidding requirements and authorize a contract extension between the Village and the Vendor for Fire Department turnout gear ("***Extension***"), at the rates set forth in ***Exhibit A***.

The President and the Board of Trustees have considered the Extension and determined that it is in the best interests of the Village and the public to enter into the Extension with the Vendor.

Section 2. Waiver of Bidding.

The requirement that the competitive sealed bids be solicited for the this purchase shall be, and is hereby, waived.

Section 3. Approval of the Extension.

The Extension shall be, and is hereby, approved in a form acceptable to the Village Attorney and the Village Manager. The Village Manager is also authorized to execute such documents and make such payments as are necessary to procure the Fire Department turnout gear from the Vendor, at the rates set forth in ***Exhibit A***.

Section 4. Authorization to Execute Extension.

The Village Manager shall be, and is hereby, authorized and directed to execute, on behalf of the Village, the Extension.

AGREEMENT BETWEEN THE VILLAGE OF NORTHBROOK AND W.S. DARLEY AND COMPANY

The Village of Northbrook, Illinois and W.S. Darley and Company of Itasca, IL ("Vendor") agree to enter into an agreement ("Agreement") to provide firefighter turnout gear and related personal protection equipment for the Northbrook Fire Department beginning in the month of March, 2026. Pursuant to the terms of the Agreement, the parties desire to enter an agreement for the period of twelve (12) months under the following terms:

1. This agreement shall be for a term of twelve months, ending February 28, 2027.

2. The rate established for the duration of the agreement is $2,450 per turnout coat and $1,690 for turnout pants for a total of $4,140 per set of turnout gear.

3. The turnout gear will meet the attached specification provided by Honeywell International Inc.

4. The Northbrook Fire Department retains the right to alter the current specification provided by Honeywell International Inc., to meet the needs of the organization and to take advantage of upgrades in technology and safety.

VILLAGE OF NORTHBROOK	W.S. DARLEY AND COMPANY
_____	
Sign:	Sign:
_____	Vice President
Title:	Title:
_____	2/16/2026
Date:	Date:

MEMORANDUM

To: **NBFD Fire Chief Schweihs**

From: **NBFD Bunker Gear Committee**

Cc: **Deputy Chief Eaton**
Deputy Chief Vanderweel
Division Chief Fleming

Date:

November 8th, 2024

Re: **Bunker Gear Committee Final Report**

Introduction

The Northbrook Fire Department (NBFD) Bunker Gear Committee was tasked to evaluate the current bunker gear manufacturer, conduct a wear test on new bunker gear manufacturers, and determine if a change in manufacturer is appropriate. Annually the NBFD spends around $58,000 from the Northbrook Fire Department annual budget and an additional $25,000 is provided by the Foreign Fire Insurance Board on personal protective equipment (PPE). The bunker gear budget is used to outfit new hires with PPE and replace equipment that is out of date or out of service for current NBFD sworn personnel. The PPE that is provided by the bunker gear budget includes, but is not limited to; bunker coat, bunker pants with suspenders, bunker boots, helmet, structural firefighting gloves, nomex hood, spanner wrench, flashlight, and safety glasses. NBFD signs a contract annually with a bunker gear manufacturer and the scope of this report only covers bunker coat and pants.

Bunker gear coats and pants are generally made up of three layers which, altogether, make up the "composite" material. The layers are; the outer layer, the thermal liner, and the moisture barrier. The outer layer is the most robust material in the composite, it provides a durable barrier on the exterior to resist abrasion and heat. The thermal liner is an insulation layer providing an air-filled gap between the wearer and heat source. The moisture barrier is a layer of waterproof-breathable material that releases trapped heat and water vapor as well as prevents exterior moisture from contacting the skin. All composite materials are rated with two metrics; Thermal Heat Loss (THL) and Thermal Protective Performance (TPP). In the most basic terms, THL is the breathability of the composite and TPP is the overall thermal protection that the composite offers. For reference, THL is measured 200-400 with the larger number being more breathable and therefore cooler. The THP is quantified between 35-60, with 35 being the minimum standard as suggested by National Fire Protection Association (NFPA) 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting. The THP number, when divided by two, will give you the number of seconds that the gear will prevent a second degree burn as defined by the formation of a blister on the skin in flashover conditions. According to the NFPA, the definition of a flashover is, when all combustible items in

a contained space ignite at the same time

The current bunker gear manufacturer for NBFD is Morning Pride which is owned by the Honeywell Corporation. NBFD has used Morning Pride as its sole bunker gear choice since 2003. Morning Pride has been producing high quality bunker gear, in Dayton, Ohio, for the last 50 years. The two other manufacturers chosen to be evaluated by the bunker gear committee were Globe and FireDex. Globe has been manufacturing bunker gear since 1887 out of Pittsfield, New Hampshire. Globe is now owned by MSA safety company. FireDex is a family-owned company that has been making PPE in Medina, Ohio since 1983.

FireDex and Globe were selected for the wear test because they, along with Morning Pride, are generally regarded as the top manufacturers of PPE in the industry. Both manufacturers offer products very similar to the specification that NBFD has been wearing which leads to a more accurate comparison because of the product familiarity of the end users.

Evaluation process

The members of the committee were selected based on a cross section of the NBFD line personnel with different levels of experience and different roles within the department. Bunker gear evaluations are very subjective in nature because of the variations in body types, perspiration tolerance, and personal fitness levels. Each bunker coat and pair of bunker pants is tailored to the individual and how they prefer to wear them. Because incorrect sizing and poor fit can have a large impact on the overall experience in bunker gear, the individuals selected for the committee were very close in size and stature. The formation of the committee was designed to facilitate the exchange of all the pieces of gear so that each piece could be evaluated by many different individuals. The committee members were:

1. Fire Apparatus Engineer/Paramedic Peter Smith, 23 years of fire service experience
2. Lieutenant/Paramedic Scott Wilson, 18 years of fire service experience
3. Lieutenant/Paramedic Don Carpenter, 15 years of fire service experience
4. Firefighter/Paramedic Jack Trimble, 12 years of fire service experience
5. Firefighter/Paramedic Justin Morabito, 10 years of fire service experience
6. Firefighter/Paramedic Oscar Vazquez, 5 years of fire service experience
7. Firefighter/Paramedic James Sincox, 4 years of fire service experience

Every member of the Bunker Gear Committee was given evaluation forms to complete for every training evolution, activity, and daily use to document the likes/dislikes of the gear. The evaluation forms were created by the committee based on the consensus of the most important factors for bunker gear. A form was also created to document the initial impressions of the gear upon receipt as well as determine if any sizing corrections were needed. Members of NBFD were also given evaluation forms if they tried one of the wear test sets.

The scoring on the forms was on a scale of 1 through 10. Some of the criteria would not be applicable to all evaluators, in which case a N/A score was used. The scores were collected and compiled based on the average score for each individual and then the group as a whole. The mathematical average was utilized instead of the sum, because of the N/A scores given for certain criteria, the sums would not have been comparable and therefore given a false final score. The forms are attached to this document for your reference.

The objective criteria for this evaluation are limited to a couple of important factors. The TPP and THL, as mentioned in the introduction, are used to directly compare the three sets of bunker gear. The overall cost of the coat and pants is another very important objective benchmark.

Findings

The THL, TPP, and cost for each bunker gear set are listed in the chart below. The numbers show that each set is very close to the others. This was an intentional decision for a more direct comparison and to avoid any data that might give a skewed perspective. For example, FireDex offers a bunker gear set that only needs one layer of a thermal liner, which is an industry anomaly, and produces a much more breathable coat and pants. The trade-off for that breathable gear is that it's less thermally protective and less durable. The committee decided that the gear should be an apples-to-apples type of comparison.

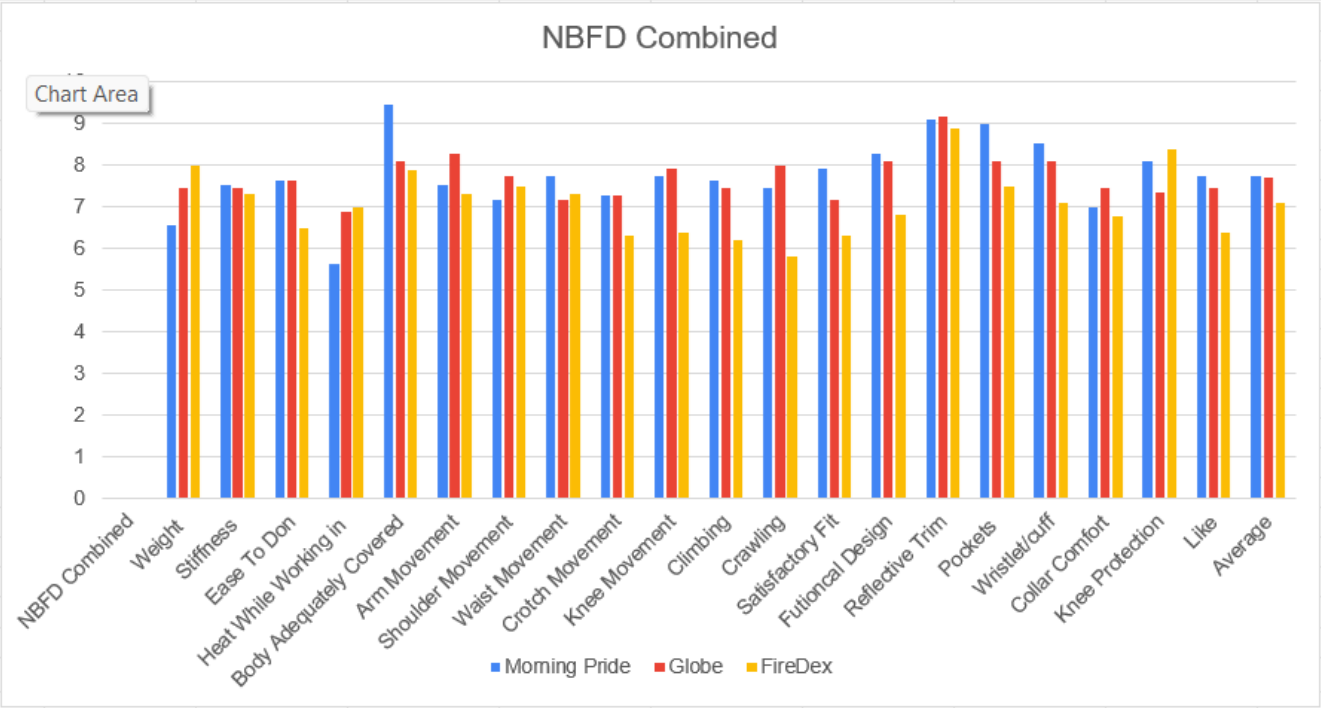
- Objective Results

Objective Criteria	THL (200-400)	TPP (35-60)	Cost
Morning Pride	270	41	$3,640.00
FireDex	267.2	44.9	$3,650.00
Globe	269	40	$3,510.00

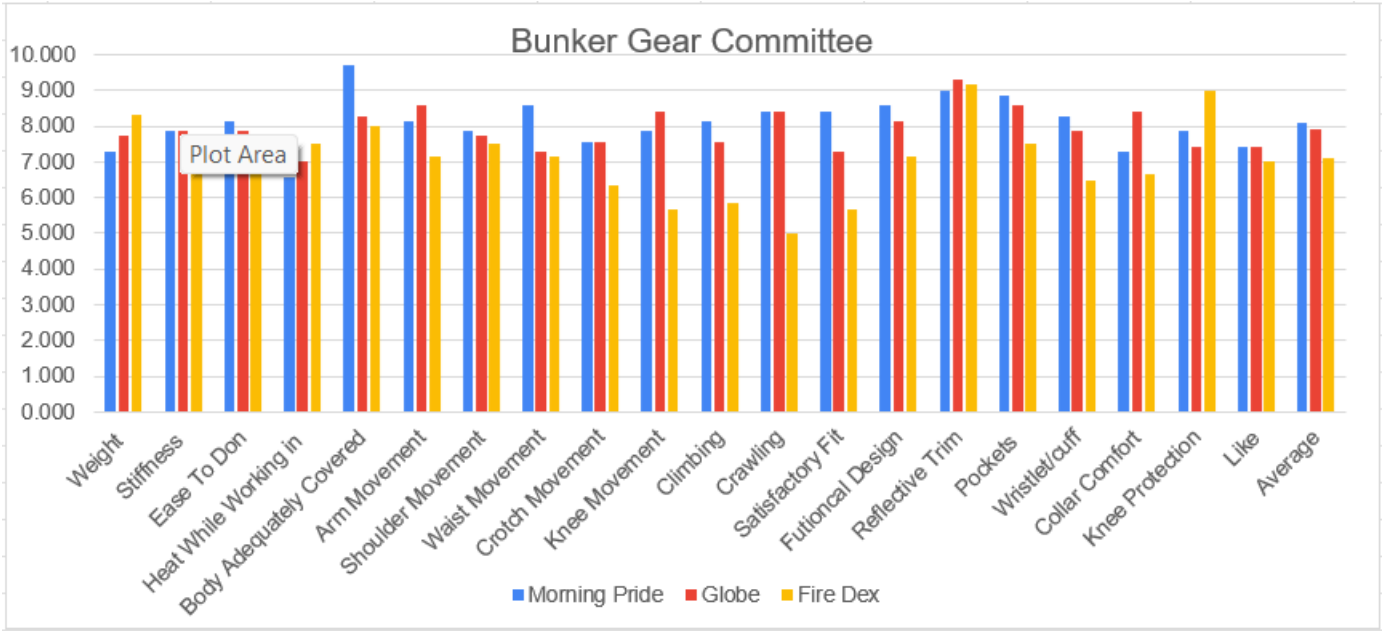
- Subjective Results

The subjective results in the following charts were broken down into two separate categories. The first is the total combined score of every NBFD member who filled out an evaluation form. The second is the Bunker Gear Committee members only.

NBFD Combined	Morning Pride	Globe	Fire Dex
Weight	6.545	7.455	8.000
Stiffness	7.545	7.455	7.300
Ease To Don	7.636	7.636	6.500
Heat While Working in	5.636	6.900	7.000
Body Adequately Covered	9.455	8.091	7.900
Arm Movement	7.545	8.273	7.300
Shoulder Movement	7.182	7.727	7.500
Waist Movement	7.727	7.182	7.300
Crotch Movement	7.273	7.273	6.300
Knee Movement	7.727	7.909	6.400
Climbing	7.636	7.455	6.200
Crawling	7.455	8.000	5.800
Satisfactory Fit	7.909	7.182	6.300
Futioncal Design	8.273	8.100	6.800
Reflective Trim	9.091	9.182	8.900
Pockets	9.000	8.091	7.500
Wristlet/cuff	8.545	8.091	7.100
Collar Comfort	7.000	7.455	6.778
Knee Protection	8.091	7.364	8.400
Like	7.727	7.455	6.400
Average	**7.750**	**7.714**	**7.084**


NBFD Combined
Chart Area
9
8
7
6
5
4
3
2
1
0
NBFD Combined
Weight
Stiffness
Ease To Don
Heat While Working in
Body Adequately Covered
Arm Movement
Shoulder Movement
Waist Movement
Crotch Movement
Knee Movement
Climbing
Crawling
Satisfactory Fit
Futional Design
Reflective Trim
Pockets
Wristlet/cuff
Collar Comfort
Knee Protection
Like
Average
Morning Pride
Globe
FireDex

Bunker Gear Committee	Morning Pride	Globe	Fire Dex
Weight	7.286	7.714	8.333
Stiffness	7.857	7.857	7.333
Ease To Don	8.143	7.857	7.500
Heat While Working in	6.571	7.000	7.500
Body Adequately Covered	9.714	8.286	8.000
Arm Movement	8.143	8.571	7.167
Shoulder Movement	7.857	7.714	7.500
Waist Movement	8.571	7.286	7.167
Crotch Movement	7.571	7.571	6.333
Knee Movement	7.857	8.429	5.667
Climbing	8.143	7.571	5.833
Crawling	8.429	8.429	5.000
Satisfactory Fit	8.429	7.286	5.667
Futioncal Design	8.571	8.143	7.167
Reflective Trim	9.000	9.286	9.167
Pockets	8.857	8.571	7.500
Wristlet/cuff	8.286	7.857	6.500
Collar Comfort	7.286	8.429	6.667
Knee Protection	7.857	7.429	9.000
Like	7.429	7.429	7.000
Average	**8.093**	**7.936**	**7.100**



Recommendations

- Bunker gear manufacturer

The overall recommendation of the Bunker Gear Committee is to stay with Morning Pride as Northbrook Fire Department's manufacturer of choice, but make some changes to the current specifications. As you can see, both evaluation categories chose Morning Pride as the overall winner. All three manufacturers that were a part of this wear test make exceptional products and all of them would certainly protect the NBFD. The difference is really in the details i.e. how the knee pad protects the knee, how the elbows articulate, the collar closure, or how a pocket holds a radio. The materials used in the composites are all very similar and, in some cases, the exact same, like the outer shell in all three sets. The overall cut of the garment also plays a big factor in how it fits each individual.

Each member of the Bunker Gear Committee wrote a memo explaining their choice for bunker gear manufacturer. The consensus from the members was that neither Globe nor FireDex provided a tangible leap forward in terms of overall fit and function of the bunker gear. Each manufacturer seemed to do one or two things better than the others but did not perform as well as Morning Pride across the spectrum of the evaluation criteria. Globe for example, was noted for having the best arm movement, knee movement and collar closure. FireDex had the most comfortable knee pads and was the most breathable.

The cost of the bunker gear was very close. All three manufacturers were within $140 of each other. All three manufacturers also see roughly the same 5% increase annually. All three distributers of the gear stated that one-year contracts would be the standard moving forward. The lead times from ordering to receiving the products was eight weeks for both Globe and FireDex. Morning Pride has been averaging 12-16 weeks to ship a set of bunker gear after ordering.

- PFAS

The U.S. Environmental Protection Agency (EPA) defines per- and polyfluoroalkyl substances (PFAS) as a group of man-made chemicals that are resistant to water, heat, and oil. PFAS have been used in industrial and consumer products since the 1950's. Some of those products include; outdoor clothing and equipment, textiles, paints, food packaging, non-stick coatings on cookware, and fire-fighting foam. PFAS are used in bunker gear on the moisture barrier. They coat the fabric so that it becomes more water resistant which prevents exterior liquids from penetrating the composite and contacting the skin.

When the Bunker Gear Committee selected the composites to test, there were no PFAS free moisture barriers commercially available yet. There were some that were approved, but not available and they had significant downsides. The PFAS free moisture barrier would have taken the THL of the current morning pride specification from 270 down to 222. This is a significant reduction in the breathability of the bunker gear. For reference, a reduction of about 15 is noticeable to the end user. The resulting gear would be more likely to negatively impact the cardiovascular system in a high-stress and high-heat environment. The consensus of the Bunker Gear Committee is that PFAS, while still a concern, are not as acutely dangerous as overheating while wearing bunker gear in an Immediately Dangerous to Life or Health (IDLH) atmosphere or after an incident requiring tremendous physical exertion. The prevalence of PFAS in common household products indicates a more systemic problem that will need to be addressed most likely by legislation.

The NBFD Bunker Gear Committee recommends the following as it pertains to PFAS:

1. Continue to monitor the development of PFAS free moisture barriers and incorporate new materials into the composite that improves, or at the very least, does not reduce the THL rating.
2. Conduct an annual PFAS blood test for any NBFD employees wearing bunker gear.
3. Reduce the amount of unnecessary time spent in bunker gear that contains PFAS. This may include

purchasing PPE that could replace wearing structural firefighting bunker gear at certain non-fire emergency incidents such as motor vehicle accidents.

- Current Morning Pride Specification

The current Morning Pride specification has not been substantially changed since 2003. The Bunker Gear Committee has identified some items that would enhance the gear and ordering process.

1. Update the specification to include features and fabrics that the Bunker Gear Committee has identified as potentially enhancing the overall fit and function of the ensemble. This will take place in a meeting with the Morning Pride distributor and the Bunker Gear Committee.
2. Re-evaluate the specification on an annual basis in concurrence with a new contract
3. Each individual will be fitted by the Morning Pride representative for a perfect/custom fit. This will eliminate any errors in measuring caused by untrained individuals that could lead to improper fit and potential costly gear modifications.
4. Provide a list of standard options that each individual can use to really customize their bunker coat and pants. For example, if an individual preferred a hook and D-ring coat closure versus a zipper, the choice would be available to them.

MEMORANDUM

To: Village Board of Trustees
From: Village Manager Cara Pavlicek
Date: 2026-04-28
Subject: A Resolution Waiving Competitive Bidding and Approving the Purchase of Annual Printing Services from State Graphics for the Residential Newsletter

Overview
Request approval of printing and mailing services for the Northbrook Voice, the Village's residential newsletter.

Fiscal Impact
The adopted FY 2026-2027 Budget provides $60,000 in Account Number 11-1120-545-00 for printing to include the printing and mailing of the Northbrook Voice to Village residents (every two months / six times a year). Exhibit A is the quote of $51,305.20 received by the Village and includes a small increase for new development in the Village and a 2% COLA increase for 2027.

Recommendation
Approval.

Background
The Village Manager's Office is seeking authorization to waive competitive bidding and continue to use State Graphics to print and mail the Village's printed newsletter (Northbrook Voice). The Village has used State Graphics to print and mail the Village's newsletter since 2023. Continuing to use State Graphics will result in: consistency in quality (branding and layout, proofing and errors), improved efficiency and turnaround time (streamlined processes and faster production), reliability, and accountability (proven track record), and Mailing List Management (data security, accuracy, and USPS compliance).

Village staff will be available at the April 28, 2026 Village Board meeting to respond to any questions.

A Resolution Waiving Competitive Bidding and Approving the Purchase of Annual Printing Services from State Graphics for the Residential Newsletter
Exhibit A - State Graphics Northbrook Voice FY 26-27 Estimate

Resolution 2026-R-##

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Waiving Competitive Bidding and Approving the Purchase of Annual Printing Services from State Graphics for the Residential Newsletter

is hereby adopted, as follows:

Section 1. RECITALS.

The Fiscal Year 2027 annual budget provides funding for the procurement of residential newsletter printing services ("***Printing Services***"). The Village Manager has determined that it would be in the Village's best interest to continue to procure these Printing Services.

Village staff received a quote from State Graphics ("***Vendor***"), headquartered in Lake Barrington, IL, for the Printing Services of the residential newsletter in the amount of $51,305.20. The Village has used the Printing Services of the Vendor for the residential newsletter since 2023.

Based on these factors, the Village Manager recommends the Village Board waive formal, competitive bidding requirements and authorize procuring Printing Services from the Vendor in a not-to-exceed amount of $60,000. Sufficient funds exist in Account No. 11-1120-545-00 for this expenditure.

The President and the Board of Trustees have considered the Printing Services and determined that it is in the best interests of the Village and the public to procure the Printing Services from the Vendor.

Section 2. WAIVER OF BIDDING.

The requirement that the competitive sealed bids be solicited for this purchase shall be, and is hereby, waived.

Section 3. AUTHORIZATION FOR PURCHASE.

The Village Manager shall be, is hereby, authorized and directed to execute all such documents and make such payments as are necessary to complete the procurement of Printing Services for the residential newsletter from the Vendor in a not-to-exceed amount of $60,000.

Approved:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:

_____
Village President

ATTEST:

_____
Village Clerk

E# 56394

STATE GRAPHICS
STATE OF THE ART PRINTING

LAKE BARRINGTON
22292 N. Pepper Rd., Unit C
Lake Barrington, IL 60010

WHEELING
468 Diens Drive
Wheeling, IL 60090

HIGHLAND PARK
1500 Old Deerfield Rd., Unit 5
Highland Park, IL 60035

847-215-2500 • Fax: 847-215-2550
E-Mail: info@stategraphics.com

Sold To:

Nicholas Glenn
Village of Northbrook
1225 Cedar Lane
Northbrook IL 60062
Phone: 847-664-4016
E-Mail: Nicholas.Glenn@northbrook.il.us

Date: 4/20/26

Quantity	Description	Amount $
19,750	Northbrook Voice 8-Page Plus Cover (May/June 2026)	$ 8,460.20
19,750	Northbrook Voice 8-Page Plus Cover (July/Aug 2026)	$ 8,460.20
19,750	Northbrook Voice 8-Page Plus Cover (Sept/Oct 2026)	$ 8,460.20
19,750	Northbrook Voice 8-Page Plus Cover (Nov/Dec 2026)	$ 8,460.20
19,750	Northbrook Voice 8-Page Plus Cover (Jan/Feb 2027)	$ 8,732.20
19,750	Northbrook Voice 8-Page Plus Cover (March/April 2027)	$ 8,732.20

Sales Rep: John Wagner
Taken by: John Wagner

SUBTOTAL	$ 51,305.20
SHIPPING	
TOTAL	$ 51,305.20

Deliver 250 Copies to Village of Nortbrook
with Invoice (by Rep OK)

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: An Ordinance Vacating a Portion of Public Alley Right-of-Way Adjacent to 2219 Chestnut Street and Approving a Plat of Vacation

Overview
The Village may, in its sole discretion, dispose of public alley rights-of-way that are no longer necessary to the operation, maintenance, or extension of the Village system of streets and roads or utilities. The property owners of 2219 Chestnut Street have requested the Village vacate the alley right-of-way adjacent to their property.

Fiscal Impact
The vacation of the public alley right-of-way has been requested by the adjoining property owners. The Village has routinely charged a rate of $4.00 per square foot for the purchase of vacated alley property. The property being vacated is approximately 600 square feet. The owners of 2219 Chestnut Street will pay $2,400 for the vacated property they are receiving.

Recommendation
Approval.

Background
The property owners of 2219 Chestnut Street have requested the vacation of the northern one-half of a public alley right-of-way adjacent to their property. The vacation of this alley is being requested by the property owners of 2219 Chestnut Street in conjunction with the construction of a new home on the property. The area of the alley will allow favorable setbacks and floor area ratios for the property owners, while also adding the property to the Village's property tax base.

The alley proposed for vacation is unimproved and the southern half of the original alley property has not been vacated nor consolidated with the adjacent properties to the north. There are no Village utilities located within the area to be vacated. However, there are overhead communication and electrical lines located over the alley within the area to be vacated.

The parcel has minimal value to the Village due to other segments of the alley being previously vacated. Sale of this property (vacation) and consolidation with the adjacent parcel is recommended. The adjacent property owners have agreed to pay $4.00 per square foot or approximately $2,400 for the land. Staff recommends the Plat of Vacation, Plat of

Consolidation (to be considered under a separate agenda item) and accompanying Ordinance and Resolution be approved for this property. Staff will be present and the Village Board meeting to address and questions that may arise.

An Ordinance Vacating a Portion of Public Alley Right-of-Way Adjacent to 2219 Chestnut Street and Approving a Plat of Vacation
EXHIBIT A - 2219 Chestnut Street Legal Description
Exhibit B - Plat of Vacation 2219 Chestnut Street

Ordinance 2026-

An Ordinance Vacating a Portion of Public Alley Right-of-Way Adjacent to 2219 Chestnut Street and Approving a Plat of Vacation

Passed by the Board of Trustees, _____
Printed and Published _____

Printed and Published in Pamphlet Form
by Authority of the
President and Board of Trustees
VILLAGE OF NORTHBROOK
COOK COUNTY, ILLINOIS

I hereby certify that this document
was properly published on the date
stated above.

_____
Village Clerk

Ordinance 2026-

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

An Ordinance Vacating a Portion of Public Alley Right-of-Way Adjacent to 2219 Chestnut Street and Approving a Plat of Vacation

shall be and is hereby adopted as follows:

Section 1. BACKGROUND

The Village has the power to vacate alleys pursuant to Section 11-91-1 *et seq*. of the Illinois Municipal Code, 65 ILCS 5/11-91-1 *et seq*., and its home rule powers. There is an unimproved and unused public alley right-of-way located adjacent to 2219 Chestnut Street that is legally described as follows:

> THAT PART OF THE PUBLIC ALLEY BEING DESCRIBED AS LYING 10 FEET SOUTH OF THE SOUTH LINE OF LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2) OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE ON MAY 5, 1920 AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.

("***Public Alley***").

The Village has determined that just and fair compensation for the Public Alley is $2,400.00 (approximately $4.00/square foot) (***"Compensation Amount"***).

Section 2. VACATION RECOMMENDED.

The Village Board of Trustees does hereby determine that there is no public benefit to be obtained by the Village's continued ownership of the Public Alley, which is located adjacent to the property commonly known as 2219 Chestnut Street and legally described in ***Exhibit A***, attached to, and by this reference made a part of this Ordinance ("***Receiving Property***"). The Village Board of Trustees further determines that it would be in the best interest of the public to vacate the Public Alley.

Section 3. CERTIFICATION.

The Village Board of Trustees does hereby certify that the Public Alley is located entirely within the corporate limits of the Village of Northbrook and is subject to the jurisdiction of the Village of Northbrook.

Section 4. VACATION.

Subject to and contingent on the prior satisfaction of the conditions stated in Section 6 of this Ordinance, the Public Alley depicted and described on the "Plat of Vacation," prepared by Land Surveying Services, Inc. with a latest revision date of April 6, 2026, consisting of one sheet, attached to and by this reference made a part of this Ordinance as ***Exhibit B***, is hereby vacated and closed to public use, with title to the Public Alley transferring to the owners of the Receiving Property located adjacent thereto. The parcel comprising the Public Alley and the Receiving Property (collectively, the "***Combined Property***") will be consolidated by

separate legislative action of the Board of Trustees.

Section 5. EASEMENTS RESERVED.

Perpetual easements are hereby reserved for public and municipal utility purposes, including, without limitation, water, sanitary sewer, storm sewer, electric, natural gas, cable television and telephone, and including the right to survey, construct, operate, use, maintain, own, test, inspect, repair, renew, alter, remove, replace, or abandon in place (a) such public and municipal utilities and appurtenances thereto across, through and under the Public Alley as are existing as of the effective date of this Ordinance, and (b) such public and municipal utilities and appurtenances thereto across, through and under the Public Alley being vacated in this Ordinance as may be constructed or installed after the effective date of this Ordinance.

However, no public utility may exercise any rights under this reservation of easement rights without the express prior written consent of the Village of Northbrook Village Engineer.

Section 6. CONDITIONS OF VACATION.

The vacation of the Public Alley provided for in Section 4 of this Ordinance is expressly made subject to and contingent upon the following:

A. payment by the owners of the Receiving Property of the Compensation Amount; and

B. payment by the owners of the Receiving Property of the costs and expenses related to the vacation of the Public Alley.

Section 7. RECORDATION.

The Village Manager is hereby authorized and directed to cause a certified copy of this Ordinance, together with the Plat of Vacation, to be recorded with the Cook County Recorder of Deeds upon compliance with all the conditions and requirements of this Ordinance.

Section 8. EFFECTIVE DATE.

This Ordinance shall not take effect, and shall be of no force or effect unless and until each of the following occur:

A. passage and approval by three-fourths of the Village Board now holding office; and

B. satisfaction of the conditions of vacation set forth in Section 6 above; and

C. publication in pamphlet form in the manner required by law; and

D. the recordation of this Ordinance together with such exhibits as the Village Clerk deems appropriate for recordation in the Office of the Cook County Recorder of Deeds.

Unless the conditions set forth in Section 6 are satisfied in full within ninety (90) days after passage of this Ordinance, the Village Board shall have the right, but not the obligation, to determine that this Ordinance shall not take effect and shall be deemed null and void after that date.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A
2219 CHESTNUT STREET AVENUE ALLEY VACATION
LEGAL DESCRIPTION OF ALLEY AND RECEIVING PROPERTY

THE VILLAGE HAS THE POWER TO VACATE ALLEYS PURSUANT TO SECTION 11-91-1 *ET SEQ*. OF THE ILLINOIS MUNICIPAL CODE, 65 ILCS 5/11-91-1 *ET SEQ*., AND ITS HOME RULE POWERS. THERE IS AN UNIMPROVED AND UNUSED PUBLIC ALLEY RIGHT-OF-WAY LOCATED ADJACENT TO 2219 CHESTNUT STREET THAT IS LEGALLY DESCRIBED AS FOLLOWS:

> THAT PART OF THE PUBLIC ALLEY BEING DESCRIBED AS LYING 10 FEET SOUTH OF THE SOUTH LINE OF LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2) OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE ON MAY 5, 1920 AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.
> **("*Public Alley*").**

THE RECEIVING PROPERTY IS LEGALLY DESCRIBED AS FOLLOWS:

> LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2) OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE ON MAY 5, 1920AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.
>
> PIN:04-09-402-046-0000
> Commonly known as 2219 Chestnut Street

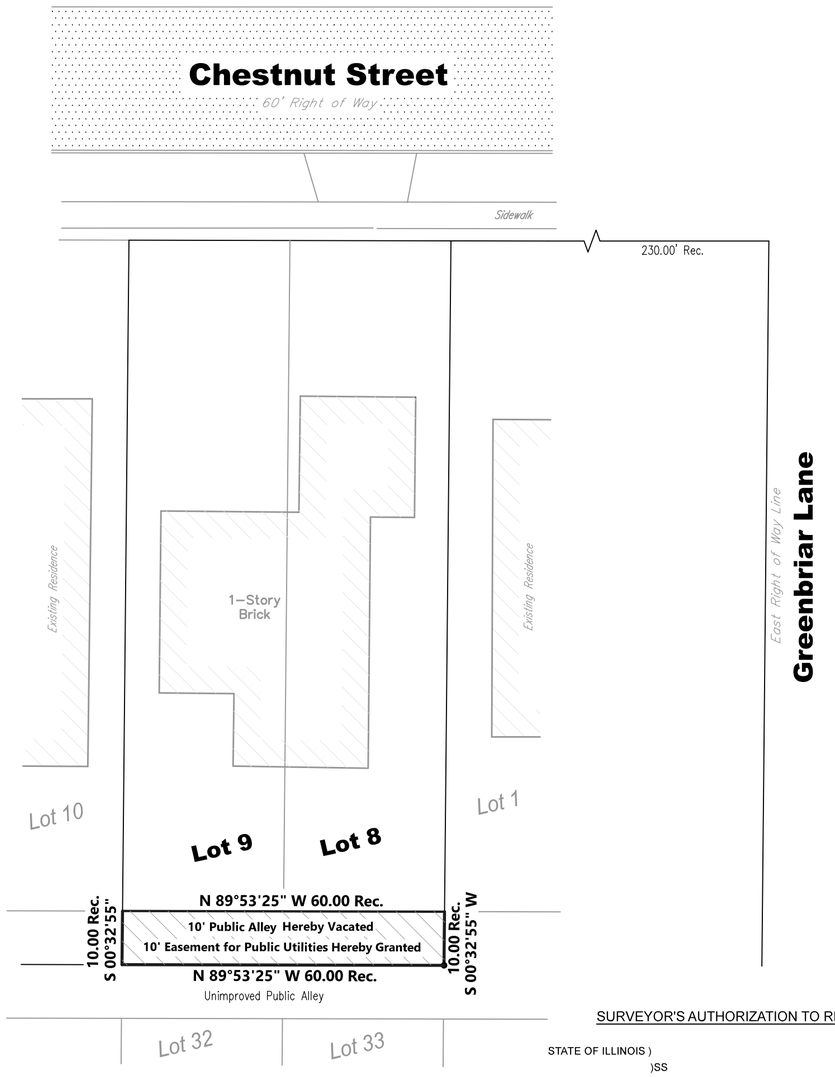
Plat of Vacation

LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2)OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE ON MAY 5, 1920 AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.

ALSO

THAT PART OF THE PUBLIC ALLEY BEING DESCRIBED AS LYING 10 FEET SOUTH OF THE SOUTH LINE OF LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2)OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE ON MAY 5, 1920 AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.

PIN: 04-09-402-046
Address
2219 Chestnut Street,
Northbrook, IL



VILLAGE ENGINEER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED BY THE OFFICE OF THE VILLAGE ENGINEER, VILLAGE OF NORTHBROOK, COOK COUNTY, ILLINOIS.

THIS _____DAY OF _____, 20____.

_____
VILLAGE ENGINEER

COUNTY CLERK'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, _____, COUNTY CLERK OF COOK COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT GENERAL TAXES, NO UNPAID CURRENT GENERAL TAXES, NO UNPAID FORFEITED TAXES, NO DELINQUENT OR UNPAID CURRENT SPECIAL ASSESSMENTS, AND NO REDEEMABLE TAX SALES AGAINST ANY OF THE LAND INCLUDED IN THE CONSOLIDATION PLAT.

GIVEN UNDER MY HAND AND SEAL AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D. 20____.

_____
COUNTY CLERK

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS IS TO CERTIFY THAT _____ IS THE OWNER OF THE HEREON DESCRIBED PROPERTY THAT AS SUCH OWNER HAS CAUSED SAME TO BE RESUBDIVIDED AND PLATTED FOR THE USES AND PURPOSES SHOWN HEREON. SAID SUBDIVISION TO BE KNOWN AS _____ .

DATED AT _____ , THIS _____ DAY OF _____ , 20___ .

OWNER(S): _____ _____
(NAME / NAMES)

NOTARY CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, _____ , A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____ , PERSONALLY KNOWN TO ME TO BE THE SAME PERSON(S) WHOSE NAME(S) _____ SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACTS, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL:

THIS DAY _____ OF _____, 20____.

BY: _____
NOTARY PUBLIC

MY COMMISION EXPIRES _____

VILLAGE PRESIDENT CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED BY THE **BOARD** OF TRUSTEES OF THE VILLAGE OF NORTHBROOK, COOK COUNTY, ILLINOIS.

THIS _____DAY OF _____, 20____.

_____
SIGNED VILLAGE PRESIDENT

_____
ATTEST VILLAGE CLERK

VILLAGE TREASURET CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I DO HEREBY CERTIFY THAT THERE ARE NO DEFERRED SPECIAL ASSESSMENTS OR UNPAID CURRENT ASSESSMENTS DUE AGAINST THE LAND INCLUDED IN THE ABOVE PLAT.

THIS _____DAY OF _____, 20____.

_____
SIGNED VILLAGE TREASURER

PLAN COMMISSION'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED THIS _____ DAY OF _____, 20____ BY THE VILLAGE OF NORTHBROOK PLAN COMMISSION.

_____
ACTIVE CHAIRMAN OF PLAN COMMISSION

VILLAGE OF NORTHBROOK CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

ACCEPTED AND APPROVED BY THE VILLAGE OF NORTHBROOK, COOK COUNTY, ILLINOIS.

THIS _____DAY OF _____, 20____.

_____
MAYOR

_____
CLERK

Surveyor Notes:

1. Site Address: 2219 Chestnut Northbrook, IL
2. Pin No.: 04-09-402-046
3. 600 SQ. FT TO BE VACATED

LEGEND:

- BOUNDARY LINE
- EXISTING RIGHT- OF- WAY LINE
- PROPOSED VACATION/EASEMENT LINE
- (R) RECORD

SURVEYOR'S AUTHORIZATION TO RECORD

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, GLORIA JEAN KOTER, REGISTERED ILLINOIS LAND SURVEYOR NO. 035-003323 DO HEREBY AUTHORIZE THE VILLAGE OF NORTHBROOK TO RECORD THIS PLAT.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR #3323
LICENSE EXPIRATION DATE 11-30-26
DESIGN FIRM LICENSE NUMBER 184-003632

STATE OF ILLINOIS
GLORIA JEAN KOTER
035-003323
REGISTERED LAND SURVEYOR

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
SS)
COUNTY OF LAKE)

WE, LAND SURVEYING SERVICES, INC. DO HEREBY STATE THAT WE HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THIS IS THE PLAT THAT REPRESENTS THE CONDITIONS FOUND AT THE TIME OF SAID SURVEY.

GIVEN UNDER MY HAND AND SEAL THIS ----- DAY OF ----- A.D. 2026 IN LAKE ZURICH, ILLINOIS.

GLORIA JEAN KOTER, AN AGENT FOR LAND SURVEYING SERVICES, INC.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3323
LICENSE EXPIRATION DATE 11-30-26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

STATE OF ILLINOIS
GLORIA JEAN KOTER
035-003323
REGISTERED LAND SURVEYOR

Drafted By: GJK	Date
Revision	Date
Village Reviews	4-6-2026

Land Surveying Services, Inc.
1182 Heather Drive Lake Zurich, Illinois 60047
Ph. (847)847-1079 Fax. (847)847-1279
Professional Design Firm License No. 184-003632

Scale: 1" = 20'

Date: 03-23-2026

Site Address:
2219 Chestnut Street
Northbrook, Illinois

Job Number
LS250468-1

Sheet Number
SURVEY

Sheet Name
PLAT OF Vacaction

589

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: A Resolution Approving a Plat of Consolidation for 2219 Chestnut Street

Overview
Subject to approval of the vacation of a portion of an unimproved public alley right-of-way adjacent to 2219 Chestnut Street under a separate Agenda Item, a Plat of Consolidation is required to incorporate the vacated alley with the adjoining property.

Fiscal Impact
None.

Recommendation
Approval.

Background
Under a prior Agenda Item at this same meeting, Village approval for the vacation of a portion of an unimproved public alley right-of-way adjacent to 2219 Chestnut Street has been requested. Subject to approval of that Item, the Village Board is asked to approve the attached Resolution and a Plat of Consolidation to incorporate the vacated alley with the adjoining property. The Owners have prepared a Plat of Consolidation of the Receiving Property consolidating the portion of the Public Alley, attached as Exhibit A. Staff has reviewed the Plat of Consolidation and recommends approval by the Board of Trustees pursuant to Section 3-303 of the Subdivision Code.

Staff will be in attendance at the Village Board meeting for any questions that may arise.

A Resolution Approving a Plat of Consolidation for 2219 Chestnut Street
Exhibit A - 2219 Chestnut St., Northbrook, Plat of Consolidation

Resolution 2026 - _____

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving a Plat of Consolidation for 2219 Chestnut Street

is hereby adopted, as follows:

Section 1. Recitals.

Pursuant to the Village of Northbrook's plan to dispose of certain public rights-of-way that are no longer necessary to the operation, maintenance, or extension of the Village system of streets and roads, the Village has authorized the vacation of those public rights-of-way and their subsequent consolidation with the properties adjacent thereto.

Joseph Allen, as trustee of the Joseph Allen Revocable Trust, and Leslie Allen, as trustee of the Leslie Allen Revocable Trust, ("***Owners***"), as the owners of the property located at 2219 Chestnut Street ("***Receiving Property***"), have requested vacation of a portion of the public alley right-of-way adjacent to the Receiving Property ("***Public Alley***"), and consolidation of their share of the Public Alley with their respective Receiving Property. Vacation of the Public Alley was approved by the Village pursuant to Ordinance No. 26-[***INSERT***].

The Owners have prepared a Plat of Consolidation for the Receiving Property consolidating the corresponding portion of the Public Alley. Consolidation of land is considered a minor subdivision procedure under the Northbrook Subdivision and Development Code (1991), as amended ("***Subdivision Code***"). Staff has reviewed the Plat of Consolidation and recommends approval by the Board of Trustees pursuant to Section 3-303 of the Subdivision Code.

Section 2. Approval, Execution and Recordation of the Plat of Consolidation.

A. Approval of Plat of Consolidation. The following Plat of Consolidation shall be, and is hereby, approved in substantially the form of that certain "2219 Chestnut Street Plat of Consolidation," prepared by Land Surveying Services, Inc, consisting of one sheet, with a latest revision date of April 3, 2026, attached to, and by this reference, made a part of this Resolution as **Exhibit A** ("***Plat of Consolidation***"), and in a final form to be approved by the Village Attorney.

B. Authorization. The Village President and Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Plat of Consolidation, subject to certification by the Office of the Cook County Clerk that there are no property tax delinquencies, as well as all other certifications as necessary.

C. Recordation. The Village Manager is hereby directed to record the Plat of Consolidation in the Office of the Cook County Recorder upon the occurrence of all of the events listed in Section 3 of this Resolution.

Section 3. EFFECTIVE DATE.

This Resolution shall in full force and effect only upon:

A. its passage and approval in the manner provided by law; and

B. the effective date of Ordinance No. 26-[***INSERT***].

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:

_____
Village President

ATTEST:

_____
Village Clerk

N

Scale: 1" = 20'

VILLAGE ENGINEER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED BY THE OFFICE OF THE VILLAGE ENGINEER, VILLAGE OF NORTHBROOK, COOK COUNTY, ILLINOIS.

THIS _____DAY OF _____, 20____.

_____
VILLAGE ENGINEER

SCHOOL DISTRICT CERTIFICATION

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THE UNDERSIGNED, AS OWNER OF THE PROPERTY HEREIN DESCRIBED IN THE SURVEYOR'S CERTIFICATE, WHICH WILL BE KNOWN AS 2219 CHESTNUT STREET PLAT OF CONSLIDATION, IS LOCATED WITHIN THE BOUNDARIES OF COMMUNITY COLLEGE DISTRICT COLLEGE OF COOK , COOK COUNTY, ILLINOIS.

DATED AT: _____
THIS _____ DAY OF _____, 20____A.D.

SIGNED: _____
OWNER

ATTEST: _____

COUNTY CLERK'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, _____, COUNTY CLERK OF COOK COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT GENERAL TAXES, NO UNPAID CURRENT GENERAL TAXES, NO UNPAID FORFEITED TAXES, NO DELINQUENT OR UNPAID CURRENT SPECIAL ASSESSMENTS, AND NO REDEEMABLE TAX SALES AGAINST ANY OF THE LAND INCLUDED IN THE CONSOLIDATION PLAT.

GIVEN UNDER MY HAND AND SEAL AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D. 20____.

_____
COUNTY CLERK

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS IS TO CERTIFY THAT _____ IS THE OWNER OF THE HEREON DESCRIBED PROPERTY THAT AS SUCH OWNER HAS CAUSED SAME TO BE RESUBDIVIDED AND PLATTED FOR THE USES AND PURPOSES SHOWN HEREON. SAID SUBDIVISION TO BE KNOWN AS _____ .

DATED AT _____ , THIS _____ DAY OF _____ , 20___ .

OWNER(S): _____ _____
(NAME / NAMES)

NOTARY CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, _____ , A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____ ; PERSONALLY KNOWN TO ME TO BE THE SAME PERSON(S) WHOSE NAME(S) _____ SUBSCRIBED TO THE FOREGOING INSTRUMENT, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACTS, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL:

THIS DAY _____ OF _____, 20____.

BY: _____
NOTARY PUBLIC

MY COMMISION EXPIRES _____

Surveyor Notes:

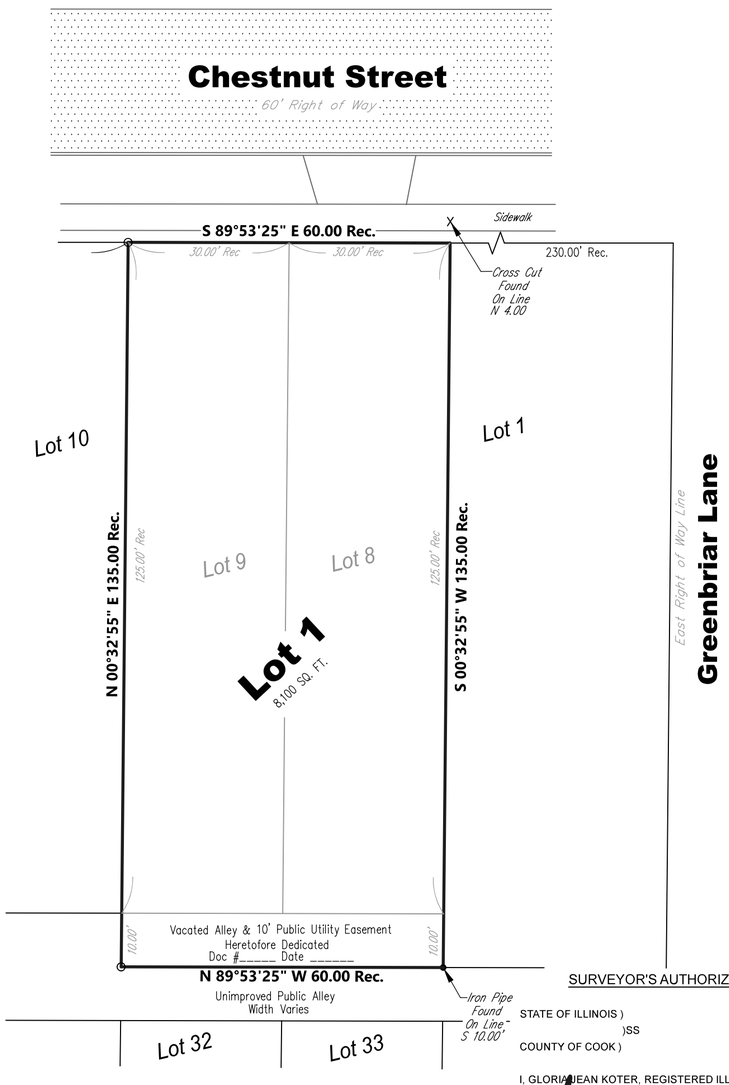
1. Site Address: 2219 Chestnut Northbrook, IL

2. Pin No.: 04-09-402-046

2219 Chestnut Street

PLAT OF CONSOLIDATION

BEING A SUBDIVISION OF THAT PART OF THE NORTH HALF (1/2) OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, COUNTY OF COOK AND STATE OF ILLINOIS.



LEGEND:

———	BOUNDARY LINE
———	EXISTING RIGHT- OF- WAY LINE
———	VACATION/EASEMENT LINE
(R)	RECORD

SURVEYOR'S AUTHORIZATION TO RECORD

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, GLORIA JEAN KOTER, REGISTERED ILLINOIS LAND SURVEYOR NO. 035-003323, DO HEREBY AUTHORIZE THE VILLAGE OF NORTHBROOK TO RECORD THIS PLAT.

ILLINOIS PROFESSIONAL LAND SURVEYOR #3323
LICENSE EXPIRATION DATE 11-30-26
DESIGN FIRM LICENSE NUMBER 184-003632

STATE OF ILLINOIS ★ GLORIA JEAN KOTER 035-003323 ★ REGISTERED LAND SURVEYOR

PIN: 04-09-402-046
Address
2219 Chestnut Street,
Northbrook, IL

VILLAGE PRESIDENT CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED BY THE **BOARD** OF TRUSTEES OF THE VILLAGE OF NORTHBROOK, COOK COUNTY, ILLINOIS.

THIS _____DAY OF _____, 20____.

_____
SIGNED VILLAGE PRESIDENT

_____
ATTEST VILLAGE CLERK

VILLAGE TREASURE CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I DO HEREBY CERTIFY THAT THERE ARE NO DEFERRED SPECIAL ASSESSMENTS OR UNPAID CURRENT ASSESSMENTS DUE AGAINST THE LAND INCLUDED IN THE ABOVE PLAT.

THIS _____DAY OF _____, 20____.

_____
SIGNED VILLAGE TREASURER

PLAN COMMISSION'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

APPROVED THIS _____ DAY OF _____, 20____ BY THE VILLAGE OF NORTHBROOK PLAN COMMISSION.

_____
ACTIVE CHAIRMAN OF PLAN COMMISSION

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF LAKE)SS

THIS IS TO CERTIFY THAT WE, LAND SURVEYING SERVICES, INC. AN ILLINOIS PROFESSIONAL LAND SURVEYING COMPANY, HAVE SURVEYED AND CONSOLIDATED THE FOLLOWING DESCRIBED PROPERTIES:

LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2) OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S OFFICE
ON MAY 5, 1920 AS DOC. NO. 113983 IN THE VILLAGE OF SHERMERVILLE, COUNTY OF COOK AND STATE OF ILLINOIS.

ALSO

THAT PART OF THE PUBLIC ALLEY BEING DESCRIBED AS LYING 10 FEET SOUTH OF THE SOUTH LINE OF LOTS 8 AND 9 IN BLOCK TWO (2) IN HIGHLANDS, BEING A SUBDIVISION OF PARTS OF THE NORTH HALF (1/2)OF THE SOUTHEAST QUARTER (1/4) OF SECTION 9, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS SHOWN IN PLAT RECORDED IN THE REGISTRAR'S
OFFICE ON _____ AS DOC. NO. _____ IN THE VILLAGE OF NORTHBROOK, COUNTY OF COOK
AND STATE OF ILLINOIS.

GIVEN UNDER MY HAND AND SEAL THIS 8TH DAY OF APRIL, 2026.
AT LAKE ZURICH, ILLINOIS.

GLORIA JEAN KOTER, AN AGENT FOR LAND SURVEYING SERVICES, INC.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 3323
LICENSE EXPIRATION DATE 11-30-26

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

STATE OF ILLINOIS ★ GLORIA JEAN KOTER 035-003323 ★ REGISTERED LAND SURVEYOR

Drafted By: GJK	Date
Revision	Date
Village Comments	4-6-2026

Land Surveying Services, Inc.
1182 Heather Drive Lake Zurich, Illinois 60047
Ph. (847)847-1079 Fax. (847)847-1279
Professional Design Firm License No. 184-003632

1" = 20'	Date: 03-23-2026
Site Address: 2219 Chestnut Street Northbrook, Illinois	

Job Number	LS250468-1
Sheet Number	SURVEY

Sheet Name: PLAT OF Consolidation

MEMORANDUM

To: Village Manager Cara Pavlicek
From: CFO Steve Drazner
Date: 2026-04-28
Subject: Resolution expressing official intent regarding certain expenditures, related to the Fleet Maintenance Garage Project and the Fire Station Project to be reimbursed from proceeds of an obligation to be issued by the Village of Northbrook

Overview
This is a procedural action in accordance with the adopted FY27 Budget to capture capital expenditures associated with the Fleet Maintenance Garage and Fire Station 11 construction projects to be funding with a future tax exempt general obligation bond issuance.

Fiscal Impact
N/A.

Recommendation
Approval.

Background
It is recommended the Village issue the formal notice, generally referred to as a Reimbursement Resolution, of its future intent under Federal tax law to issue tax exempt bond reimburse "hard" costs being incurred for the construction of the Fleet Maintenance Garage and Fire Station 11 facilities. This action is anticipated in the adopted FY27 budget.

Per Federal guidelines, the allowable retroactive lookback period is 60 days from the passage of this Resolution, and would thus cover hard construction costs paid between February 27, 2026 through April 28, 2026. This Reimbursement Resolution also captures any costs from the time this Resolution is adopted to the time when the bonds are issued in FY27.

The adoption of this Reimbursement Resolution will permit the Village to remain in full compliance with Federal tax law and reimburse itself for certain costs once the applicable GO Bond Series is issued, subject to Village Board approval.

It is important to emphasize that the Reimbursement Resolution must state the maximum

principal amount of bonds reasonably expected to be issued which is currently estimated at $24 million along with a functional description of the project. However, the amount referenced in the Reimbursement Resolution does not obligate the Village in any way to issue a specific amount of bonds or debt. It is possible for the Village to pay for capital project expenses (hard costs such as construction or land acquisition) incurred prior to issuing tax-exempt bonds, and then reimburse itself for those initial expenditures out of the tax-exempt bond proceeds once issued. The ability to do so will be financially advantageous to the Village by covering "hard" costs related to the construction of the Fleet Maintenance Garage and Fire Station 11 facilities using tax exempt bond proceeds. Total eligible Facility CIP expenses paid related to these project hard costs retroactive to February 27, 2026 (60 day lookback) total $732,627.50. However, and more importantly, adoption of this Resolution will also permit the Village to capture eligible project costs from the adoption date of this Reimbursement Resolution through the date that the GO bonds are issued in the future.

Reimbursement Resolution for FMG and FS11

RESOLUTION expressing official intent regarding certain capital expenditures, related to the Fleet Maintenance Garage Project and the Fire Station Project, to be reimbursed from proceeds of an obligation to be issued by the Village of Northbrook, Cook County, Illinois.

* * *

WHEREAS, the President and the Board of Trustees (the *"Corporate Authorities"*) of the Village of Northbrook, Cook County, Illinois (the *"Village"*), have developed a list of capital projects described in *Exhibit A* hereto (the *"Projects"*); and

WHEREAS, all or a portion of the expenditures relating to the Projects (the *"Expenditures"*) (i) have been paid within the 60 days prior to the passage of this Resolution or (ii) will be paid on or after the passage of this Resolution; and

WHEREAS, the Village reasonably expects to reimburse itself for the Expenditures with the proceeds of an obligation:

NOW, THEREFORE, Be It and It Is Hereby Resolved by the President and the Board of Trustees of the Village of Northbrook, Cook County, Illinois, as follows:

Section 1. Incorporation of Preambles. The Corporate Authorities hereby find that all of the recitals contained in the preambles to this Resolution are full, true and correct and do incorporate them into this Resolution by this reference.

Section 2. Intent to Reimburse. The Village reasonably expects to reimburse the Expenditures with proceeds of an obligation.

Section 3. Maximum Amount. The maximum principal amount of the obligation expected to be issued to reimburse the Expenditures is $24,000,000.

Section 4. Ratification. All actions of the officers, agents and employees of the Village that are in conformity with the purposes and intent of this Resolution, whether taken before or after the adoption hereof, are hereby ratified, confirmed and approved.

Section 5. Severability. If any section, paragraph, clause or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Resolution.

Section 6. Repeal. All resolutions or parts thereof in conflict herewith be and the same are hereby repealed and this Resolution shall be in full force and effect forthwith upon its adoption.

ADOPTED by the Corporate Authorities on April 28, 2026.

AYES: _____

_____

NAYS: _____

ABSENT: _____

APPROVED on April 28, 2026.

_____
President, Village of Northbrook, Cook County, Illinois

RECORDED in the Village Records on April 28, 2026.

Attest:

_____
Village Clerk, Village of Northbrook,
Cook County, Illinois

EXHIBIT A

DESCRIPTION OF CAPITAL PROJECTS

Constructing and equipping a Fleet Maintenance Garage and constructing and equipping a Fire Station.

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

CERTIFICATION OF MINUTES AND RESOLUTION

I, the undersigned, do hereby certify that I am the duly qualified and acting Village Clerk of the Village of Northbrook, Cook County, Illinois (the *"Village"*), and as such official I am the keeper of the records and files of the Village and of the President and Board of Trustees of the Village (the *"Corporate Authorities"*).

I do further certify that the foregoing constitutes a full, true and complete transcript of the minutes of the meeting of the Corporate Authorities held on the 28th day of April, 2026, insofar as same relates to the adoption of a resolution entitled:

> RESOLUTION expressing official intent regarding certain capital expenditures, related to the Fleet Maintenance Garage Project and the Fire Station Project, to be reimbursed from proceeds of an obligation to be issued by the Village of Northbrook, Cook County, Illinois.

a true, correct and complete copy of which said resolution as adopted at said meeting appears in the foregoing transcript of the minutes of said meeting.

I do further certify that the deliberations of the Corporate Authorities on the adoption of said resolution were taken openly; that the vote on the adoption of said resolution was taken openly; that said meeting was held at a specified time and place convenient to the public; that notice of said meeting was duly given to all newspapers, radio or television stations and other news media requesting such notice; that an agenda for said meeting was posted at the location where said meeting was held and at the principal office of the Corporate Authorities at least 48 hours in advance of the holding of said meeting and on a day which was not a Saturday, Sunday or legal holiday for Illinois municipalities, and remained continuously available for public review until adjournment of said meeting; that a true, correct and complete copy of said agenda as so posted is attached hereto as *Exhibit A;* that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and the Illinois Municipal Code, as amended; and that the Corporate Authorities have complied with all of the provisions of said Act and said Code and with all of the procedural rules of the Corporate Authorities in the adoption of said resolution.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of the Village, this 28th day of April, 2026.

_____
Village Clerk

[SEAL]

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Development and Planning Services Amy McEwan
Date: 2026-04-28
Subject: A Resolution Approving a Transferee Assumption Agreement for a Development Agreement for a Physical Fitness Facility located at 2985 Shermer Road (BOT-26-03)

Overview

2985 Shermer Rd LLC has acquired the property at 2985 Shermer Road, as part of the corporate restructuring of the previous owner entity, and is requesting to transfer the previously approved development agreement from the original land owner to the newly formed entity for Proximo Padel.

Fiscal Impact

N/A.

Recommendation

Approval.

Background

The applicant, 2985 Shermer Rd LLC, is requesting approval of a transfer of a previously approved Subdivision and Development Agreement for Proximo Padel, a physical fitness facility, located at 2985 Shermer Road. The applicant is also the current owner of the property.

On April 28, 2026, the Board of Trustees will consider a Resolution approving a Transferee's Assumption of Subdivision and Development Agreement for the physical fitness facility. The Board had previously approved Proximo Padel, an indoor sports facility with a special permit and other zoning relief for physical fitness facility for construction, development, and operation by Kin Sports LLC. Kin Sports LLC has undergone corporate restructuring and the real estate asset at 2985 Shermer Road will be transferred to 2985 Shermer Rd LLC. The ownership structure of both legal entities would remain the same. Kin Sports LLC will be the operator of the sports facility. The original agreement was approved by the Village of Northbrook on April 22, 2025 and recorded on May 29, 2025.

The property is currently under construction. The applicant has stated that they would develop the property in accordance with the previously approved plans and approval documents.

The applicant and staff will attend the April 28, 2026 Board of Trustees meeting to answer any questions.

A Resolution Approving a Transferee Assumption Agreement for a Development Agreement for a Physical Fitness Facility located at 2985 Shermer Road
Resolution Exhibit A-B - 2985 Shermer
Supplemental - Applicant Submittal - 2985 Shermer

RESOLUTION NO. 26-R-

BE IT RESOLVED by the Board of Trustees of the Village of Northbrook, County of Cook, and State of Illinois, THAT:

A Resolution Approving a Transferee Assumption Agreement for a Development Agreement for a Physical Fitness Facility located at 2985 Shermer Road (BOT-26-03)

is hereby adopted, as follows:

Section 1. Recitals.

The Village previously approved a rezoning, lot consolidation, special permit, and other zoning relief for the property commonly known as 2985 Shermer Road located in Cook County, Illinois ("***Property***") to allow the construction and development of a physical fitness facility commonly known as "Proximo Padel" ("***Development***").

Kin Sports LLC ("***Developer***") entered into a certain Subdivision and Development Agreement with the Village dated April 22, 2025, and recorded in the Office of the Cook County Clerk's Office on May 29, 2025, as Document No. 2514916000 in connection with the development of the Property ("***Development Agreement***").

Developer conveyed the Property to 2985 Shermer Rd, LLC ("***Owner***") as evidenced by a quit claim deed which was recorded by Cook County on March 18, 2026.

In order to assume and complete the construction of the Development on the Property, the Village requires that Owner agree to comply with all the terms, requirements and obligations set forth in the Development Agreement. Owner, Developer and the Village desire to enter into an agreement to memorialize those obligations that remain outstanding in the Development Agreement that the Parties agree are necessary to allow for the completion of the Development ("***Transferee Assumption Agreement***").

Section 2. Description of Property.

The Property is legally described in ***Exhibit A***, attached to and, by this reference, made a part of this Resolution.

Section 3. Approval of Transferee Assumption Agreement.

The Transferee Assumption Agreement by and between the Village, the Developer and the Owner shall be, and is hereby, approved in substantially the form attached hereto as ***Exhibit B***.

Section 4. Execution of Transferee Assumption Agreement.

The Village Manager and Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Transferee Assumption Agreement upon receipt of at least three copies fully executed by Developer and Owner; provided, however, that if such executed copies of the Transferee Assumption Agreement are not received by the Village Clerk within 60 days after the date of adoption of

this Resolution, then this authority to execute and seal shall, at the option of the Board of Trustees, be null and void.

Section 5. Recordation of Transferee Assumption Agreement.

The Village Manager is hereby directed to record the Transferee Assumption Agreement with the Office of the Cook County Clerk's Office upon satisfactory completion of all administrative details relating thereto.

Section 6. EFFECTIVE DATE.

The approval of this Resolution shall be effective following approval by the corporate authorities in the manner required by law.

PASSED: This _____ day of _____, 2026

AYES: ( )

NAYS: ( )

ABSENT: ( )

ABSTAIN: ( )

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION

THE LAND IS DESCRIBED AS FOLLOWS:

PARCEL 1: THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 (EXCEPT THE EAST 488.0 FEET AND THE SOUTH 198.0 FEET) IN SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

PARCEL 2: THE SOUTH 198.0 FEET OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPTING THE EAST 488.0 FEET THEREOF) IN COOK COUNTY, ILLINOIS.

PARCEL 3: THE WEST 99.0 FEET OF THE EAST 488.0 FEET OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

PARCEL 4: THE WEST 62.50 FEET OF THE EAST 326.50 FEET OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

PARCEL 5: THE WEST 62.50 FEET OF THE EAST 389 FEET OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

EXCEPTING FROM SAID PARCELS 1 AND 2 THE FOLLOWING DESCRIBED LAND: THAT PART OF THE SOUTHWEST QUARTER OF SECTION 22, TOWNSHIP 42 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS, BEARINGS AND DISTANCES BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT), WITH A COMBINED FACTOR OF 0.999975, DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 22, THENCE NORTH 00 DEGREES 08 MINUTES 28 SECONDS EAST ALONG THE WEST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 22, A DISTANCE OF 329.44 FEET; THENCE SOUTH 89 DEGREES 55 MINUTES 18 SECONDS EAST ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 22, A DISTANCE OF 78.88 FEET; THENCE ALONG AN ARC, CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 30.00 FEET, AN ARC LENGTH OF 46.39 FEET AND A CHORD BEARING SOUTH 45 DEGREES 46 MINUTES 32 SECONDS WEST, 41.49 FEET; THENCE SOUTH 01 DEGREES 28 MINUTES 22 SECONDS WEST, A DISTANCE OF 267.73 FEET; THENCE SOUTH 00 DEGREES 09 MINUTES 47 SECONDS WEST, A DISTANCE OF 32.58 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 22; THENCE NORTH 89 DEGREES 50 MINUTES 13 SECONDS WEST ALONG SAID SOUTH LINE, A DISTANCE OF 42.68 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS, WHICH LAND WAS CONVEYED BY WARRANTY DEED DATED MARCH 4, 2019, AND RECORDED APRIL 15, 2019,

AS DOCUMENT NO. 1910546239, EXECUTED BY HOLY APOSTOLIC CATHOLIC ASSYRIAN CHURCH OF THE EAST DIOCESE OF NORTH AMERICA, AN ILLINOIS NOT-FOR-PROFIT CORPORATION, AND GIVEN TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, AS GRANTEE.

PERMANENT INDEX NUMBER: 04-22-300-003-0000; 04-22-300-004-0000; 04-22-300-005-0000; 04-22-300-044-0000; 04-22-300-045-0000

Commonly known as 2985 Shermer Road, Northbrook, Illinois, 60062.

EXHIBIT B

TRANSFEREE ASSUMPTION AGREEMENT

EXHIBIT H

TRANSFEREE ASSUMPTION AGREEMENT

THIS TRANSFEREE ASSUMPTION AGREEMENT is made as of this 24th day of March, 2026, between the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation (***"Village"***), **KIN SPORTS LLC**, a Florida limited liability company (***"Developer"***), and 2985 Shermer Rd LLC, a Illinois LLC (***"Transferee"***).

WITNESETH:

WHEREAS, pursuant to that certain real estate sale contract dated January 8th, 2026, the Transferee agreed to purchase from Developer certain real property situated in Cook County, Illinois and legally described in **Exhibit 1** attached to and, by this reference, made a part of this Agreement (***"Property"***); and

WHEREAS, following the conveyance of the Property by Developer, the Transferee will be the legal owner of the Property; and

WHEREAS, as a condition to the conveyance of the Property by Developer, the Village and Developer require that the Transferee agree to comply with all the terms, requirements, and obligations set forth in that certain Development Agreement, dated as of April 8, 2025, and recorded in the office of the Cook County Clerk's Recording Division on ~~May, 15th~~ 24th W, 2025, as Document No. ~~2510510020~~ 2514916000 W, by and between the Village and Developer (***"Development Agreement"***);

NOW, THEREFORE, in consideration of the agreement of Developer to convey the Property to the Transferee, and of the Village to accept the transfer of obligations as provided herein and to grant the releases granted herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed by, between, and among the Village, Developer, and the Transferee as follows:

1. **Recitals.** The foregoing recitals are by this reference incorporated herein and made a part hereof as substantive provisions of this Agreement.

2. **Assumption of Obligations.** The Transferee, on its behalf and on behalf of its successors, assigns, heirs, executors, and administrators, hereby agrees, at its sole cost and expense, to comply with all of the terms, requirements, and obligations of Developer in the Development Agreement, including all exhibits and attachments, regardless of whether such terms, requirements, and obligations are to be performed and provided by, or are imposed upon, Developer or the Property.

3. **Payment of Village Fees and Costs.** In addition to any other costs, payments, fees, charges, contributions, or dedications required by this Agreement, the Development Agreement or by applicable Village codes, ordinances, resolutions, rules, or regulations, the Transferee must pay to the Village, immediately upon presentation of a written demand or demands therefor, all legal, engineering, and other consulting or administrative fees, costs, and expenses incurred in connection with the negotiation, preparation, consideration, and review of this Agreement.

4. **Acknowledgment and Release of Developer.** The Village hereby acknowledges its agreement to the Transferee's assumption of the obligation to comply with the terms, requirements, and obligations of Developer in the Development Agreement, including all exhibits and attachments, and the Village hereby releases Developer from any personal liability for failure to comply with the terms, requirements, and obligations of Developer in the Development Agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed as of the day and year first written above.

ATTEST:

VILLAGE OF NORTHBROOK,
an Illinois home rule municipal corporation

_____

By:_____

Village Clerk

Its: Village Manager

ATTEST:

KIN SPORTS LLC, a Florida limited liability Company

By:_____

By: Victor Vaz

Its:_____

Its: Member

ATTEST:

[TRANSFEREE], 2985 Shermer Rd. LLC
an Illinois Limited Liability Company

By:_____

By: Victor Vaz

Its:_____

Its: Member.

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

This instrument was acknowledged before me on March 24th, 2026 by Victor Vainberg Sasson the Member of **KIN SPORTS LLC**, a Florida limited liability company ~~and by _____, the _____ of said _____~~.

OFFICIAL SEAL
MARANDA TEUTSCH
Notary Public, State of Illinois
Commission No. 976773
My Commission Expires
August 16, 2027

Signature of Notary

SEAL

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

This instrument was acknowledged before me on March 24th, 2026, by Victor Vainberg Sasson the Member of **TRANSFEREE**, ~~and by _____, the _____ of said _____~~.

OFFICIAL SEAL
MARANDA TEUTSCH
Notary Public, State of Illinois
Commission No. 976773
My Commission Expires
August 16, 2027

Signature of Notary

SEAL

ACKNOWLEDGMENTS

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

This instrument was acknowledged before me on _____, 20__, by _____, the Village Manager of the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation, and by _____, the Village Clerk of said municipal corporation.

_____
Signature of Notary

SEAL

EXHIBIT 1 TO TRANSFEREE ASSUMPTION AGREEMENT

PROPERTY LEGAL DESCRIPTION

To the Northbrook Board of Trustees,

This letter is to formally notify you of our intent to transfer ownership of the real estate asset located at 2985 Shermer Road, including the land and all improvements currently underway, from Kin Sports LLC to 2985 Shermer Rd LLC.

2985 Shermer Rd LLC is a duly registered Illinois limited liability company with the exact same ownership structure as Kin Sports LLC.

This transfer is being made solely for corporate structuring purposes. There will be no change to the operation of the sports facility business at the property. Kin Sports LLC will operate the facility for the same purpose and under the same management as when the project was originally approved.

Sincerely,

Alex and Victor Vainberg

2607727004

Doc# 2607727004 Fee $88.00
ILRHSP FEE:$18.00 RPRF FEE:$1.00
Monica Gordon
Cook County Clerk's Office
Date: 3/18/2026 1:20 PM
PAGE: 1 of 7

QUIT CLAIM
DEED (ILLINOIS)

THE GRANTOR, KIN SPORTS LLC, a Florida limited liability company created and existing under and by virtue of the laws of the State of Florida and duly authorized to transact business in the State of Illinois, for and in consideration of the sum of Ten and No/100 Dollars ($10.00), and other good and valuable consideration in hand paid, and pursuant to the authority given by the member(s) of said limited liability company, party of the first part, CONVEYS and QUIT CLAIMS to

2985 SHERMER RD LLC, an Illinois limited liability company created and existing under and by virtue of the laws of the State of Illinois and duly authorized to transact business in the State of Illinois, with offices at 2985 Shermer Road, Northbrook, Illinois 60062 , THE GRANTEE,

the following described Real Estate situated in the County of Cook in the State of Illinois, to wit:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

THIS IS NOT HOMESTEAD PROPERTY

Permanent Real Estate Index Numbers: 04-22-300-003-0000, 04-22-300-004-0000, 04-22-300-005-0000, 04-22-300-044-0000, and 04-22-300-045-0000

Address of Real Estate: 2985 Shermer Road, Northbrook, IL 60062

Dated the 8th day of January, 2025

KIN SPORTS LLC, a
Florida limited liability company

By: _____
Alexander Vainberg, Member

By: _____
Victor Vainberg, Member

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, the undersigned, a notary public in and for the said County, in the State of aforesaid, DO HEREBY CERTIFY that ALEXANDER VAINBERG and VICTOR VAINBERG, personally known to me to be the same and members of KIN SPORTS LLC, a Florida limited liability company whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

GIVEN under my hand and notarial seal the 8th day of Janury, 2025.

{SEAL}

Notary Public
My Commission Expires:10/16/27

OFFICIAL SEAL
MARI MIKOLAJCZAK
Notary Public, State of Illinois
Commission No. 902941
My Commission Expires October 16, 2027

This instrument was prepared by Justin Strane, Front Door Legal LLC, 2502 N. Clark Street, Suite 236, Chicago, Illinois 60614.

UPON RECORDING RETURN TO:
FRONT DOOR LEGAL LLC
2502 North Clark Street
Suite 236
Chicago, Illinois 60614

SEND SUBSEQUENT TAX BILLS TO:
2985 SHERMER RD LLC
420 W. Grand Ave.
Unit 1d2d
Chicago, Illinois 60654

EXEMPT UNDER PROVISIONS OF PARAGRAPH (e) 35 ILCS 200/31-45, PROPERTY TAX CODE; COOK COUNTY ORD. 93-0-28 PAR. 4.

Representative

3/18/26
Date

REAL ESTATE TRANSFER TAX 18-Mar-2026
COUNTY: 0.00
ILLINOIS: 0.00
TOTAL: 0.00
04-22-300-003-0000 | 20260301621160 | 0-709-748-976

EXHIBIT A
LEGAL DESCRIPTION

THE LAND IS DESCRIBED AS FOLLOWS:

PARCEL 1: THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 (EXCEPT THE EAST 488.0 FEET AND THE SOUTH198.0 FEET) IN SECTION 22, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

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For Informational Purposes Only:

Permanent Real Estate Index Numbers: 04-22-300-003-0000, 04-22-300-004-0000, 04-22-300-005-0000, 04-22-300-044-0000, and 04-22-300-045-0000

Commonly Known As: 2985 Shermer Road, Northbrook, Illinois 60062

FORMAL APPLICATION – ZONING & SUBDIVISION RELIEF**

Prior to submitting this formal application, contact the Development & Planning Services Department of Northbrook to determine if your application requires a Preliminary Review by the Board of Trustees. The following materials are the minimum required for the processing of a formal application by the Village of Northbrook's Plan Commission and Board of Trustees. A public hearing or public meeting for an application will not be scheduled until all required materials have been submitted and revised as necessary to meet Code requirements, as determined by Village staff. If you have questions regarding the completion of this application please contact the Development & Planning Services Department at 847-664-4050.

Applications for zoning relief from the Zoning Board of Appeals must use a different application form.

The initial submittal MUST contain:

- ❑ **1 electronic version (PDF)** of ALL application materials **(refer to application section regarding instructions for naming files).**

Applicant Information

Legal Name Alexander Vainberg Sasson

Company 2985 Shermer Rd LLC

Address 313 W Wolf Point Plz, 3209

City, State, Zip

[redacted]

Primary Contact Person

Name Alexander Vainberg Sasson

Company 2985 Shermer Rd LLC

Address 313 W Wolf Point Plz, 3209

City, State, Zip

[redacted]

Consultants *(as applicable)*

Attorney

Name

Company

Address

City, State, Zip

Phone No.

Email

Architect/Planner

Name

Company

Address

City, State, Zip

Phone No.

Email

Civil Engineer

Name

Company

Address

City, State, Zip

Phone No.

Email

Other

Name

Company

Address

City, State, Zip

Phone No.

Email

Property Information *(if more than one parcel is involved in the request please include the information for all parcels)*

Site Location/Address: (a) 2985 Shermer Road, (b) 1990 Old Willow Road, (c) 1980 Old Willow Road, (d) 1968 Old Willow Road (e) 1974 Old Willow Road, Northbrook Illinois

Property Index Numbers: (a) PINs 04-22-300-003, (b) 04- 22-300-004, (c) PIN 04-22-300-005, (d) PIN 04-22-300-044, (e) PIN 04-22-300-045

Size of Property: 2.40 acres (square feet/acres)

Size of Building Space, if applicable: Vacant Land, not applicable (square feet)

Comprehensive Plan Land Use Designation[1]: Industrial and Commercial Services

Current Zoning: R-1 Single Family District, Special use Granted for Physical Fitness Facility to Kin Sports LLC

Current Use of the Property: Vacant land under development

Is any portion of the property within the 100-year floodplain?[1] Yes: _____ No: X

Requested Action(s) *(check all that are applicable)*

- ☐ Comprehensive Plan Amendment
- ☐ Annexation (*separate form required*)
- ☐ Rezoning from _____ to _____
- ☐ Special Permit for _____
- ☐ Renewal of Special Permit Ord. No. _____
- ☒ Amendment to Existing Special Permit
  Ord. No. 2025-28
- ☐ Site Plan Approval
- ☐ Zoning Code Text Amendment
- ☐ Zoning Variation (in conjunction with other relief) for _____
- ☐ Planned Development
- ☐ Subdivision - Tentative Plat
- ☐ Subdivision - Final Plat
- ☐ Subdivision - Variations/Waiver for _____
- ☐ Exception for _____
- ☐ Other _____

☐ Plat of Survey & Parcel Legal Description(s)

Attach the most recent plat of survey of the Subject Property, certified by a registered land surveyor, showing existing lot lines and dimensions, lot area, all easements, all public and private rights-of-way, and all streets across and adjacent to the subject property.

☐ Conformity with Comprehensive Plan

Include a written statement explaining the conformity, or lack of conformity, of the approval being requested to the Village's Official Comprehensive Plan and Official Map. Where the approval being requested does not conform to the Official Comprehensive Plan or Official Map, provide reasons justifying the requested approval.

☐ Surrounding Property Owners Addresses

Please attach the names and mailing addresses of all property owners of record (not tenants) within 250 feet of the property, excluding public rights-of-way, based on current County tax records. See page 9 of this document for instructions on how to obtain the addresses.

[1] As found on the Village website www.northbrook.il.us/Government/Departments/Planning/GIS/index.php

SITE OWNERSHIP AND CONTROL

Current Property Owner Information

Legal Name: 2985 Shermer Rd LLC

Primary Contact: Alexander Vainberg Sasson

Address 313 W Wolf Point Plz, 3209

City, State, Zip Chicago, IL, 60654

[redacted]

Proposed Property Owner Information

Legal Name: _____

Primary Contact: _____

Address _____

City, State, Zip _____

Phone No. _____

Email _____

Attach a copy of a title policy or deed showing current ownership of the property. If property is held in a trust, also include a certified copy of the trust agreement or a simple affidavit (under oath before a notary) as to who are the beneficiaries of the trust. *(Check which document(s) are attached):*

- ☒ Deed
- ☐ Title Policy or Title Commitment ***(Required for Subdivision Applications & Plats of Consolidation Applications)***
- ☐ Certified Copy of Trust Agreement OR a simple Affidavit Identifying Trust Beneficiaries

☐ **Complete Attachment A, listing all individuals/entities that have a beneficial interest in the legal entity that currently owns the property**

☐ **Complete Attachment B, listing all individuals/entities that have a beneficial interest in the legal entity that is proposed to own the property upon receiving necessary approvals.**

Applicants Involvement with the Property

If the Applicant does not own the property, please also provide documentation showing the applicant's interest in the property *(Check which document is attached. The dollar amounts in documents may be blacked-out)*:

- ☒ Owner (see the previous box)
- ☐ Real Estate Contract
- ☐ Lease
- ☐ Other _____

☐ **Complete Attachment C, listing all individuals/entities that have a beneficial interest in the legal entity that is the Applicant.**

Additional Required Attachment(s)

Submit all relevant attachments specified in the below worksheet(s) that correspond with your application request(s) selected on page two of this application; the worksheets can be found on the Village of Northbrook website www.northbrook.il.us. *(Check all that are applicable)*

- ☐ Comprehensive Plan Amendment Worksheet
- ☐ Annexation Worksheet
- ☐ Rezoning Worksheet
- ☐ Special Permit Worksheet
- ☐ Site Plan Approval Worksheet
- ☐ Zoning Code Text Amendment Worksheet
- ☐ Zoning Variation Worksheet
- ☐ Planned Development Worksheet
- ☐ Subdivision Worksheet – Tentative Plat
- ☐ Subdivision Worksheet - Final Plat
- ☐ Subdivision Worksheet - Variations/Waiver
- ☐ Plat of Consolidation Worksheet

Filing Fees

All applications require payment of a non-refundable fee, as well as additional funds that are held in escrow to off-set anticipated recoverable expenses. Please attach a check with your application and indicate below the amount of the fee submitted. A copy of the fee schedule is attached to the application form.

$ 900.00 Amount of Non-Refundable Fee

$ _____ Amount of Escrow

$ _____ Total Application Fee (Non-Refundable Fee plus Escrow)

The escrow covers such items as Village attorney time (currently billing at approx. $400.00 per hour), public notice expenses, public meetings ($50.00 per mtg), & staff review time. If these expenses exceed the initial escrow deposit, the applicant is responsible for additional payment to the Village prior to completing approval process. If the expenses are less than the escrow deposit, the applicant will be issued a refund.

Northbrook Ethics Code *(potential conflicts of interest)*
On a separate sheet of paper list the name, address, nature, and extent of any current or potential interest that any Village officer or employee may have in, or with respect to the owner, the applicant, or the property. **If none, check here:** ____

Repeat Application

Has any other application for this property been submitted to the Village and denied within the last two years?
____ yes __x__ no (check one)
If yes, attach a statement of the grounds justifying reconsideration.

Applicant/Owner Acknowledgments

By execution of this application in the space provided below, the Applicant and Owner(s) do hereby certify, acknowledge, agree and affirm to the Village of Northbrook that:

1. The Village and its representatives have the right, and are hereby granted permission and license, to enter upon the property, and into any structures located thereon, for purposes of conducting any inspections that may be necessary in connection with this application.

2. I (We) have carefully read this application, the Northbrook Zoning Code and Northbrook Subdivision & Development Code and fully understand the terms and provisions of each.

3. I (We) waive any rights to exemption from disclosure under the Illinois Freedom of Information Act of any and all documents and information submitted in connection with this application.

4. I (We), in accordance with the requirements of the Annual Fee Ordinance, the Northbrook Zoning Code and the Northbrook Subdivision & Development Code, agree to pay all applicable filing fees and be responsible for the payment of all reimbursable expenses associated with the processing of this application.

Applicants may attach additional materials or exhibits to this application if necessary or helpful in explaining the relief requested.

Signature of Applicant: _____ **Date** 03/24/2026
Print Name & Title: Alexander Vainberg Sasson, Member
Signatures of Property Owner(s): _____ **Date** 03/24/2026
Print Name & Title: Alexander Vainberg Sasson, Member **Property Address**: 2985 Shermer Rd, Northbrook, IL 60062
****If more than one applicant or property owner, please copy this page and have additional applicants/property owners sign form.**

Note: Village review and approval of rezoning, special permit, and subdivision applications may be dependent upon the Applicant first receiving necessary approvals from State and County regulatory agencies such as, but not limited to, the Illinois Department of Transportation, Illinois Environmental Protection Agency, the Metropolitan Water Reclamation District of Greater Chicago, & the Cook County Highway Department.

ATTACHMENT A: Current Property Owner – Beneficial Interest

Please check which of the following describes the current property owner's beneficial interest in the property and complete this sheet as instructed for each type of beneficial interest:

❑ Corporation	If **current property owner** is a corporation, please list the name and addresses of all officers and directors of the corporation and all shareholders who own individually or beneficially 5% or more of the stock of the corporation. In addition, this application must be accompanied by a resolution of the corporation authorizing the execution and submittal of this application.
☒ Partnership or LLC	If **current property owner** is a partnership or an LLC, please list all partners, general and/or limited, with an individual or beneficial interest of 5% or greater.
❑ Trust	If **current property owner** is a trust, please provide the trust number _____ and name and address of the Trustee _____ _____, as well as list below the names and address of all beneficiaries of the Trust, together with their respective interests in the trust. The application shall be further verified by the **current property owner** in his capacity as trustee or by the beneficiary as a beneficial owner of an interest in the Trust and the application shall be signed individually by as many beneficiaries as are necessary to constitute greater than 50% ownership of the beneficial interest of the Trust

Name: Alexander Vainberg

Address: 313 W Wolf Point Plz, 3209. Chicago, IL 60654

Ownership or Trust Interest: 50 %

Name: Victor Vainberg

Address: 420 W Grand Ave, 2D. Chicago, IL 60654

Ownership or Trust Interest: 50 %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Development and Planning Services Amy McEwan
Date: 2026-04-28
Subject: An Ordinance Amending the Special Permit for a Planned Development Granted by Ordinance No. 2014-3 and Granting a Site Plan Approval for Fuel Sales Facility at Northshore 770 (Mariano's Gas Station - 784 Skokie Boulevard) (Plan Commission Docket No. PCD-25-18)

Overview
Roundy's Supermarkets, Inc. (Mariano's) proposes to construct a gas station within the parking lot to an existing grocery store adjacent to Dundee Road.

Fiscal Impact
N/A.

Recommendation
Approval.

Background

The applicant, Roundy's Supermarket Inc., as lessee of a portion of 784 Skokie, commonly known as the Northshore 770 development located at 770 - 798 Skokie Boulevard and 510 Dundee Road, which is owned by Menard Inc., has requested the following zoning relief to allow a permitted fuel station accessory to an existing grocery store (Mariano's):

A. Approval of an amendment to the Special Permit for Planned Development for NorthShore 770 (Ordinance No 2014-3) to allow a gas station within the parking lot;
B. Site Plan Approval; and
C. Approval of any such variations, waivers, and zoning relief as may be necessary to accomplish development and use of the Subject Property as requested by the Applicant.

This is an application that was filed after the effective date of the new Zoning Code. However, it is also governed by the previous approval documents approving the existing Planned Development for Northshore 770.

On April 28, 2026, the Village Board is asked to approve an Ordinance amending the special

permit for a planned development and site plan approval to accommodate the proposed fuel station, accessory to the grocery store within the parking lot on the property as part of the Consent Agenda. The placement of the ordinance on the consent portion of the agenda is consistent with the policies endorsed by the Board for a unanimous recommendation from the Plan Commission.

On April 7, 2026, the Plan Commission conducted a public hearing on the application. Following a presentation from staff, the Commission asked questions about traffic study, and internal circulation of traffic. There was one written public comment, which is attached; and three members of the public spoke at the meeting with concerns regarding traffic, safety, and environmental pollution. The Applicant responded to the traffic concerns and stated that the proposed development would have minimal impact on the existing traffic situation in this area. They also stated that their company used state-of-the-art equipment for safe operations of a gas station facility. The Commission closed the public hearing, discussed the application, and by a vote of 9-0, adopted the attached Resolution No. 26-PC-02 recommending approval of the Zoning relief noted above. The staff report from the meeting, and other application materials are attached. The minutes from the meeting were not available at the time of writing this report.

On September 9, 2025, the Village Board conducted the preliminary review for this request and found the use appropriate. The primary details of the request presented at preliminary review remained the same through the public hearing process. The approved minutes from this meeting are attached.

The Applicant and staff will attend the April 28, 2026 meeting in case there are any questions.

An Ordinance Amending the Special Permit for a Planned Development Granted by Ordinance No. 2014-3 and Granting a Site Plan Approval for Fuel Sales Facility at Northshore 770
Ordinance Exhibit A-B - 784 Skokie
Supplemental - Formal Application - 784 Skokie
Supplemental - Narrative & Plans - 784 Skokie
Supplemental - Parking & Traffic Impact Study - 784 Skokie
Supplemental - Public Comment - 784 Skokie
Supplemental - PC Resolution, Staff Report - 784 Skokie
Supplemental - BOT 9-9-25 Minutes - 784 Skokie
Supplemental - Previously approved Ordinance 2014-3 & 2014-23 - 784 Skokie

ORDINANCE 2026-____

BE IT ORDAINED by the Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Amending the Special Permit for a Planned Development Granted by Ordinance No. 2014-3 and Granting a Site Plan Approval for Fuel Sales Facility at Northshore 770

(Mariano's Gas Station – 784 Skokie Boulevard)
(Plan Commission Docket No. PCD-25-18)

shall be, and is hereby, adopted as follows:

SECTION 1. BACKGROUND

Menard Inc. ("***Owner***") is the legal owner of that parcel commonly known as Northshore 770 located at 770 - 798 Skokie Boulevard and 510 Dundee Road ("***Existing Property***") upon which exists a mixed-use planned development consisting of a residential apartment building and a grocery-anchored commercial shopping center ("***Planned Development***"). The Planned Development was approved and is governed by Ordinance No. 2014-3, now referred to as a "Planned Development" for the Existing Property. Additional approval documents in addition to the Ordinance No. 2014-3 include, without limitation, Resolution Nos. 14-R-63, 14-R-64, 14-R-65, 2016-140 and Ordinance Nos. 2014-23, 2014-24, 2014-25, 2014-26 (collectively, the "***Prior Approval Documents***").

Roundy's Supermarket Inc. ("***Applicant***") d/b/a Mariano's is proposing to construct a gas station within the parking lot area adjacent to the existing grocery store ("***Improvements***") on the Existing Property. Fuel Sales facility is a permitted use in the O-4 Boulevard Office District.

On April 7, 2026, the Plan Commission held a public hearing to consider Applicant's request for the following zoning approvals: (i) amendment to the special permit for a Planned Development for Northshore 770 (Ordinance No. 2014-3), (ii) Site Plan approval for the Improvements within the Planned Development on the Existing Property; and (iii) other variations, waivers and relief as may be necessary (collectively, "***Requested Relief***"). The Owner has consented to the Requested Relief.

The Board of Trustees hereby find that it is in the best interest of the public and the Village to grant the Requested Relief to allow the construction and operation of the Improvements within the Planned Development.

The Board of Trustees have determined that granting the Requested Relief to allow the development of the Existing Property, pursuant to, and in accordance with, the terms, conditions, and restrictions of this Ordinance, would be in the best interest of the Village and the public. This Ordinance is adopted pursuant to the Village's home rule powers.

SECTION 2. DESCRIPTION OF EXISTING PROPERTY.

The Existing Property consists of approximately 15.7 acres and is legally described in

Exhibit A attached to and, by this reference, made a part of this Ordinance. The Property is located within the O-4 Boulevard Office District.

SECTION 3. PUBLIC HEARINGS.

A public notice for the Applicant's Requested Relief was duly published on March 9, 2026, on the Northbrook Public Notice webpage and a public hearing was held at the Plan Commission's regular meeting on April 7, 2026. On April 7, 2026, the Plan Commission formally adopted Resolution No. 26-PC-02 recommending approval of the Requested Relief.

SECTION 4. AMENDMENT TO SPECIAL PERMIT FOR PLANNED DEVELOPMENT.

The special permit for a planned development granted by Ordinance No. 2014-3, is hereby further amended in accordance with and pursuant to Article 2-118 of the Zoning Code and the home rule powers of the Village of Northbrook to permit the construction and operation of the Improvements, which include a Fuel Sales facility, within the Planned Development on the Existing Property.

SECTION 5. SITE PLAN APPROVAL.

The Site Plan for the Planned Development on the Existing Property, prepared by Sevan Engineering P.C., consisting of one page, with the most recent revision date of February 18, 2026, a copy of which is attached to, and by this reference made a part of, this Ordinance as ***Exhibit B*** ("***Site Plan***"), shall be, and is hereby, approved in accordance with and pursuant to Article 2-108 of the Zoning Code and the home rule powers of the Village. The Site Plan shall replace or supplement, as appropriate, the plans and documents approved by Ordinance No. 2014-3 and the Prior Approval Documents such that the Improvements are incorporated into the approved Planned Development.

SECTION 6. SURVIVAL OF TERMS OF ORDINANCE NO. 2014-3

Except as specifically modified in this Ordinance, all terms, covenants and conditions of Ordinance No. 2014-3, as amended, and the Prior Approval Documents shall remain in full force and effect; provided, however, that any other provisions of Ordinance No. 2014-3, as amended, and the Prior Approval Documents shall be deemed to be modified as necessary to give practical effect to the provisions of this Ordinance.

SECTION 7. FAILURE TO COMPLY WITH CONDITIONS.

Upon failure or refusal of the Applicant to comply with any provisions of this Ordinance, the Amendment granted in Section 4, and Site Plan Approval granted in Section 5 of this Ordinance shall, at the sole discretion of the Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Board of Trustees may not so revoke the amendment, and site plan approval unless it shall first provide the Applicant with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Board of Trustees. In the event of revocation, the development and use of the Existing Property shall be governed solely by the regulations of Ordinance No. 2014-3 and the O-4 Boulevard Office District, as the same may, from time to time, be amended. Further, in the event of such revocation of the amendment or site plan approval, the Village Manager and Village Attorney are hereby authorized and directed to bring such zoning enforcement action as may be appropriate under the circumstances. The Applicant acknowledges that public notices and hearings have been held with respect to the adoption of this Ordinance, have considered the possibility of the revocation provided for in this Section, and agree not to challenge any such revocation on the grounds of any procedural infirmity or any denial of any procedural right, provided that the notice to the Applicant

required by this Section has been given.

SECTION 8. AMENDMENT TO RELIEF.

Any amendment to the relief granted by this Ordinance that may be requested by the Applicant after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Code.

SECTION 9. BINDING EFFECT; TRANSFERABILITY.

The privileges, obligations, and provisions of each and every Section of this Ordinance, are for the sole benefit of, and shall be binding on, the Applicant, except as otherwise expressly provided in this Ordinance. Nothing in this Ordinance shall be deemed to allow this Ordinance to be transferred to any person or entity unless and until such person or entity ("***Transferee***") receives approval by the Board of Trustees for such transfer by resolution duly adopted.

SECTION 10. EFFECTIVE DATE.

A. This Ordinance shall be in full force and effect only upon the occurrence of all of the following events:

i. passage by the Board of Trustees of the Village of Northbrook by a majority vote in the manner required by law; and

ii. publication in pamphlet form in the manner required by law.

EXHIBIT A

LEGAL DESCRIPTION OF EXISTING PROPERTY

A TRACT OF LAND COMPRISED OF LOTS 3, 4 AND 5 IN "LANE PARK SUBDIVISION" IN THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, TOGETHER WITH A PART OF SAID SOUTHEAST QUARTER OF SAID SECTION 2 LYING SOUTH OF THE SOUTH LINE OF SAID LOT 4, WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD, AS NOW DEDICATED, AND NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD, AS NOW DEDICATED, SAID TRACT OF LAND BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF A LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2, WITH A LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 5 AFORESAID; AND RUNNING THENCE NORTH 26 DEGREES 33 MINUTES 47 SECONDS WEST (ASSUMED) ALONG SAID LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH THE CENTERLINE OF THE RIGHT OF WAY CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID LINE BEING ALONG THE WESTERLY LINE OF LOTS 3,4 AND 5 IN LANE PARK SUBDIVISION, AFORESAID, A DISTANCE OF 1420.35 FEET TO THE NORTHWEST CORNER OF SAID LOT 3; THENCE NORTH 89 DEGREES 56 MINUTES 29 SECONDS EAST ALONG THE NORTH LINE OF SAID LOT 3, A DISTANCE OF 548.86 FEET TO THE NORTHEAST CORNER OF SAID LOT 3; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOTS 3 AND 4, SAID EASTERLY LINE BEING 50.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 706.39 FEET TO AN ANGLE POINT IN SAID EASTERLY LINE OF LOT 4; THENCE SOUTH 21 DEGREES 49 MINUTES 59 SECONDS EAST ALONG SAID EASTERLY LINE OF LOT 4, A DISTANCE OF 121.27 FEET TO AN ANGLE POINT IN SAID LOT 4; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 4, SAID EASTERLY LINE BEING 60.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 349.12 FEET TO THE SOUTHEAST CORNER OF SAID LOT 4; THENCE CONTINUING SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG LAST DESCRIBED PARALLEL LINE, BEING THE WESTERLY LINE OF SKOKIE BOULEVARD AS DEDICATED BY PLAT RECORDED DECEMBER 31, 1935 AS DOCUMENT NO. 11735510, A DISTANCE OF 184.57 FEET TO A POINT OF CURVE IN SAID WESTERLY LINE; THENCE SOUTHWESTWARDLY ALONG THE ARC OF A CIRCLE CONVEX TO THE SOUTHEAST, TANGENT TO THE LAST DESCRIBED PARALLEL LINE AND HAVING A RADIUS OF 25.00 FEET, A DISTANCE OF 50.03 FEET, TO A POINT OF TANGENT WITH THE NORTHERLY LINE OF DUNDEE ROAD AS DEDICATED BY THE AFORESAID DOCUMENT NO. 11735510; THENCE SOUTH 88 DEGREES 05 MINUTES 13 SECONDS WEST ALONG SAID NORTHERLY LINE OF DUNDEE ROAD, A DISTANCE OF 208.51 FEET, TO AN INTERSECTION WITH A LINE WHICH EXTENDS NORTHWARD FROM A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2, DISTANT 157.58 FEET EAST OF THE INTERSECTION OF SAID SOUTH LINE WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY; THENCE NORTH 00 DEGREES 01 MINUTES 39 SECONDS EAST ALONG THE LAST DESCRIBED LINE (WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WITH THE SOUTH LINE OF SAID SOUTHEAST QUARTER), A DISTANCE OF 208.21 FEET TO AN INTERSECTION WITH THE

SOUTH LINE OF LOT 4 AFORESAID; THENCE WEST ALONG SAID SOUTH LINE OF LOT 4, A DISTANCE OF 334.57 FEET TO THE NORTHEAST CORNER OF SAID LOT 5; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 5, A DISTANCE OF 239.60 FEET TO THE SOUTHEAST CORNER OF SAID LOT 5, SAID SOUTHEAST CORNER BEING A POINT ON THE AFORESAID LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2; THENCE WEST ALONG SAID PARALLEL LINE, BEING THE SOUTH LINE OF SAID LOT 5, A DISTANCE OF 55.90 FEET TO THE POINT OF BEGINNING IN COOK COUNTY, ILLINOIS.

ALSO INCLUDING:

PARCEL 1:

THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES EASTERLY OF A LINE DRAWN THROUGH SAID 8 ACRES PARALLEL TO AND 235.00 FEET EASTERLY OF AND MEASURED AT RIGHT ANGLE TO THE CENTER LINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, AND WHICH LIES WESTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2 AT A DISTANCE OF 77.58 FEET EAST OF A POINT OF ITS INTERSECTION WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTER LINE OF THE RIGHT OF WAY; THENCE NORTH TO THE NORTH LINE OF SAID SOUTH 8 ACRES ALONG A LINE WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 2, AFORESAID, EXCEPTING FROM SAID DESCRIBED PROPERTY THAT PART THEREOF DEDICATED OR USED FOR DUNDEE ROAD, ALL IN COOK COUNTY, ILLINOIS.

PARCEL 2:

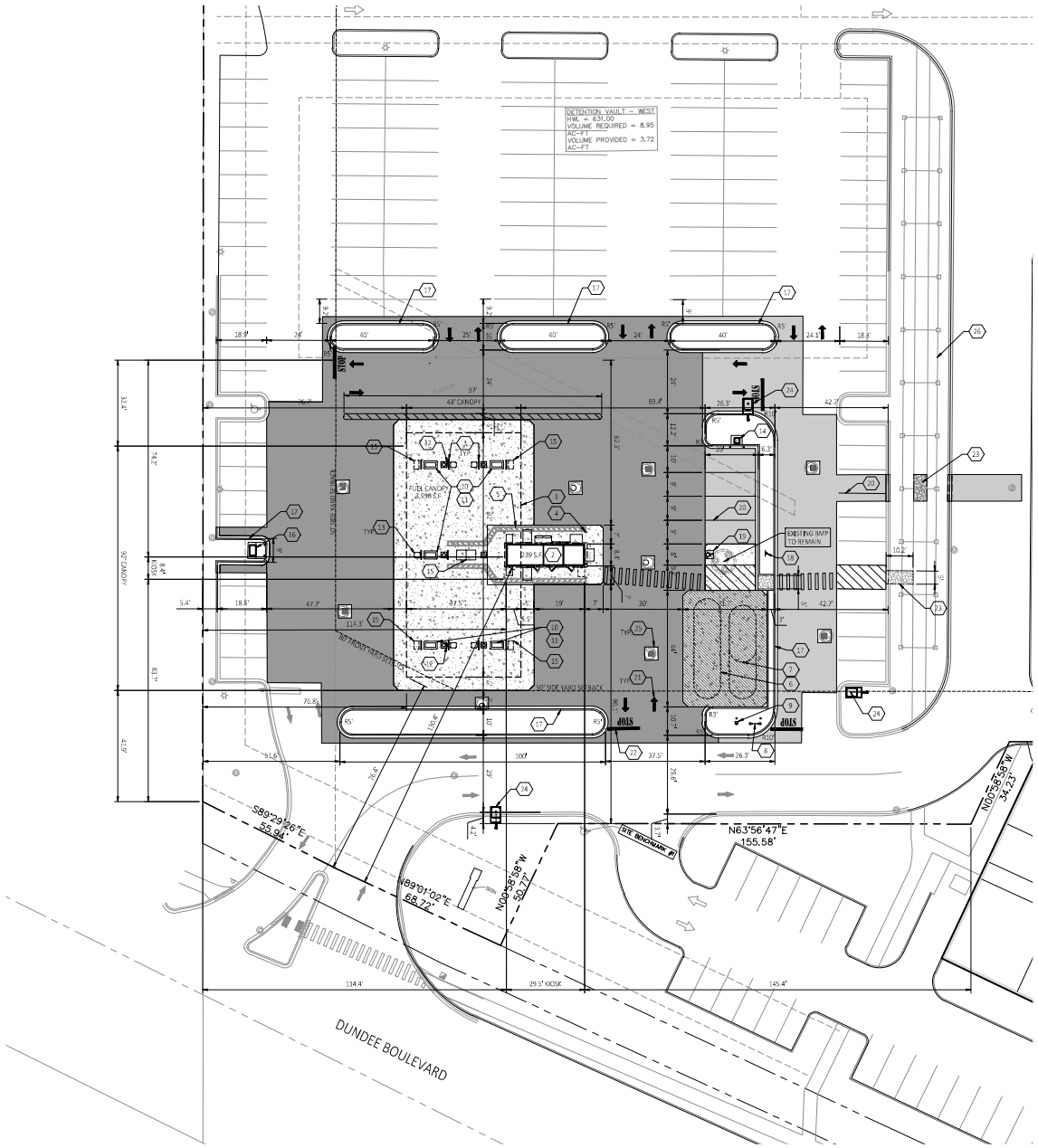
THE WESTERLY 80 FEET OF THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD AS NOW DEDICATED, NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD AS NOW DEDICATED, AND EASTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 DISTANT EASTERLY THEREON 77.58 FEET FROM A POINT OF INTERSECTION OF SAID SOUTH LINE WITH A LINE PARALLEL WITH, AND DISTANT NORTHEASTERLY 275 FEET MEASURED AT RIGHT ANGLES TO, THE CENTER LINE OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, RUNNING THENCE NORTHERLY TO THE NORTH LINE OF SAID 8 ACRES ALONG A LINE WHICH FORMS AN ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WHEN MEASURED CLOCKWISE FROM AFORESAID SOUTH LINE OF THE SOUTHEAST QUARTER OF SOUTHEAST QUARTER OF SECTION 2, ALL IN COOK COUNTY, ILLINOIS.

PERMANENT INDEX NUMBER: 04-02-422-010-0000; 04-02-422-012-0000; 04-02-422-013-0000; 04-02-422-011-0000; 04-02-422-014-0000; 04-02-422-015-0000; and 04-02-402-039-0000

Commonly known as Northshore 770 at 770 - 798 Skokie Boulevard and 510 Dundee Road, Northbrook, Illinois 60062

EXHIBIT B

SITE PLAN



SITE DIMENSION PLAN

SCALE: 1" = 20'-0"

0 20' 40'

GENERAL SITE NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL VERIFY SITE CONDITIONS AND DIMENSIONS BEFORE BEGINNING WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. CONTRACTOR SHALL REFER TO SURVEY FOR ALL INFORMATION REGARDING EXISTING CONDITIONS.
4. ALL WORK THAT OCCURS WITHIN THE PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS AND STANDARDS.
5. SITE GEOMETRY IS PARALLEL AND PERPENDICULAR TO THE EAST PROPERTY LINE.
6. ALL RADII ARE 3' UNLESS NOTED OTHERWISE.

(X) PROPOSED SITE IMPROVEMENTS

1 DISPENSER CANOPY, COLUMNS, AND FOOTINGS.
2 TRANSACTION KIOSK.
3 U-SHAPED BOLLARD AT CANOPY COLUMNS.
4 KIOSK BOLLARD.
5 PEDESTRIAN STRIPING.
6 20,000 GALLON DOUBLE-WALL UNDERGROUND STORAGE TANK (UNLEADED).
7 18,000 GALLON DOUBLE-WALL SPLIT UNDERGROUND STORAGE TANK 8,000 GALLONS PREMIUM/10,000 GALLONS DIESEL.
8 TANK VENT RISER.
9 TANK OVERFLOW ALARM.
10 3.00' X 5.00' DISPENSER ISLAND.
11 AUTOMOBILE MULTI-PRODUCT DISPENSER WITH CARD READER.
12 FIRE EXTINGUISHER IN STEEL CABINET.
13 WASTE RECEPTACLE / WINDSHIELD SERVICE CENTER.
14 AIR TOWER.
15 OUTDOOR SALES.
16 PROPANE BOTTLE CAGE.
17 CONCRETE CURB AND GUTTER.
18 ACCESSIBLE RESERVED PARKING SIGN AS REQUIRED BY FEDERAL, STATE OR LOCAL CODE.
19 VAN ACCESSIBLE PARKING SPACE WITH PAINTED ACCESSIBILITY SPACE SYMBOL AS REQUIRED BY FEDERAL, STATE OR LOCAL CODE.
20 4" PAINTED PARKING STRIPE
21 PAINTED DIRECTIONAL TRAFFIC ARROWS. COLOR TO MATCH PARKING STRIPING.
22 STOP BAR AND TEXT. SEE DETAIL 4/C5.01.
23 CONCRETE SIDEWALK. VERIFY SIDEWALK THICKNESS WITH ADJACENT
24 LIGHT POLE AND FOUNDATION. SEE PHOTOMETRIC SITE PLAN. SEE DETAIL 7/C5.02.
25 CONCRETE COLLAR. SEE DETAIL 7/C5.01.
26 EXISTING COVERED WALK TO REMAIN.

PAVING LEGEND:

- HEAVY DUTY ASPHALT PAVEMENT SEE DETAIL 3/ C5.01
- LIGHT DUTY ASPHALT PAVEMENT SEE DETAIL 2/ C5.01
- CONCRETE PAVEMENT TANK MAT
- CONCRETE SIDEWALK SEE DETAIL 6/ C5.01
- CONCRETE PAVEMENT DISPENSER MAT
- CONCRETE CURB AND GUTTER SEE CITY OF NORTHBROOK DETAIL, SHEET 5.03

sevan ENGINEERING, P.C.
Corporate Office:
3025 Highland Parkway | Suite 850
Downers Grove, IL 60515
info@sevan.com www.sevan.com

INTEGRITY | RESPECT | TEAMWORK
EXCELLENCE | CHARITY

CLIENT

MARIANO'S

SEAL

I HEREBY CERTIFY THAT THESE DRAWINGS WAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND, THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, COMPLY WITH THE BUILDING CODES AND ORDINANCES OF THE LOCAL MUNICIPALITY.

REVISIONS

REV.	DATE	DESCRIPTION
0	11.03.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.15.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

SITE DIMENSION PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.03.2025
DRAWN BY:	KB
CHECKED BY:	MV
PROJ. MGR:	JB

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SHEET NUMBER

C1.20

northbrook

DEVELOPMENT & PLANNING SERVICES DEPARTMENT

FORMAL APPLICATION – ZONING & SUBDIVISION RELIEF**

Prior to submitting this formal application, contact the Development & Planning Services Department of Northbrook to determine if your application requires a Preliminary Review by the Board of Trustees. The following materials are the minimum required for the processing of a formal application by the Village of Northbrook's Plan Commission and Board of Trustees. A public hearing or public meeting for an application will not be scheduled until all required materials have been submitted and revised as necessary to meet Code requirements, as determined by Village staff. If you have questions regarding the completion of this application please contact the Development & Planning Services Department at 847-664-4050.

***Applications for zoning relief from the Zoning Board of Appeals must use a different application form.**

The initial submittal MUST contain:

☒ **1 electronic version (PDF)** of ALL application materials **(refer to application section regarding instructions for naming files).**

Applicant Information

Legal Name Roundy's Supermarkets, Inc.

Company Roundy's

Address 875 E Wisconsin Ave

City, State, Zip Milwaukee WI 53208

[redacted]

Primary Contact Person

Name Brieanna Ramsey

Company Roundy's

Address 875 E Wisconsin Ave

City, State, Zip Milwaukee WI 53208

[redacted]

Consultants *(as applicable)*

Attorney

Name

Company

Address

City, State, Zip

Phone No.

Email

Architect/Planner

Name Brian Sheridan

Company Galloway, Inc.

Address 5500 Greenwood Plaza Blvd, Suite 200

City, State, Zip Greenwood Village, CO 80111

[redacted]

Civil Engineer

Name Timothy B. Kratz

Company SEVAN ENGINEERING, PC

Address 3025 Highland Pkwy., Ste. 850

City, State, Zip Downers Grove, IL 60515

[redacted]

Other

Name

Company

Address

City, State, Zip

Phone No.

Email

Property Information *(if more than one parcel is involved in the request please include the information for all parcels)*

Site Location/Address: 784 Skokie Blvd.

Property Index Numbers: 04024220100000

Size of Property: 268,723 SF (square feet/acres)

Size of Building Space, if applicable: 239 (square feet)

Comprehensive Plan Land Use Designation[1]:

Current Zoning: O4 Boulevard Office District

Current Use of the Property: Mixed Use Retail/Restaurant/Grocery

Is any portion of the property within the 100-year floodplain?[1] Yes: _____ No: X

Requested Action(s) *(check all that are applicable)*

- ☐ Comprehensive Plan Amendment
- ☐ Annexation (*separate form required*)
- ☐ Rezoning from _____ to _____
- ☒ Special Permit for fuel center
- ☐ Renewal of Special Permit Ord. No. _____
- ☐ Amendment to Existing Special Permit
  Ord. No. _____
- ☒ Site Plan Approval
- ☐ Zoning Code Text Amendment
- ☐ Zoning Variation (in conjunction with other relief) for _____
- ☐ Planned Development
- ☐ Subdivision - Tentative Plat
- ☐ Subdivision - Final Plat
- ☐ Subdivision - Variations/Waiver for _____
- ☐ Exception for _____
- ☐ Other _____

☒ **Plat of Survey & Parcel Legal Description(s)**

Attach the most recent plat of survey of the Subject Property, certified by a registered land surveyor, showing existing lot lines and dimensions, lot area, all easements, all public and private rights-of-way, and all streets across and adjacent to the subject property.

☒ **Conformity with Comprehensive Plan**

Include a written statement explaining the conformity, or lack of conformity, of the approval being requested to the Village's Official Comprehensive Plan and Official Map. Where the approval being requested does not conform to the Official Comprehensive Plan or Official Map, provide reasons justifying the requested approval.

☒ **Surrounding Property Owners Addresses**

Please attach the names and mailing addresses of all property owners of record (not tenants) within 250 feet of the property, excluding public rights-of-way, based on current County tax records. See page 9 of this document for instructions on how to obtain the addresses.

[1] As found on the Village website www.northbrook.il.us/Government/Departments/Planning/GIS/index.php

SITE OWNERSHIP AND CONTROL

Current Property Owner Information

Legal Name: Menard Inc

Primary Contact: Tim Enyeart

Address 5101 Menard Drive

City, State, Zip Eau Claire, WI, 54703

[redacted]

Proposed Property Owner Information

Legal Name: _____

Primary Contact: _____

Address _____

City, State, Zip _____

Phone No. _____

Email _____

Attach a copy of a title policy or deed showing current ownership of the property. If property is held in a trust, also include a certified copy of the trust agreement or a simple affidavit (under oath before a notary) as to who are the beneficiaries of the trust. *(Check which document(s) are attached):*

- ☐ Deed
- ☐ Title Policy or Title Commitment ***(Required for Subdivision Applications & Plats of Consolidation Applications)***
- ☐ Certified Copy of Trust Agreement OR a simple Affidavit Identifying Trust Beneficiaries

☒ **Complete Attachment A, listing all individuals/entities that have a beneficial interest in the legal entity that currently owns the property**

☒ **Complete Attachment B, listing all individuals/entities that have a beneficial interest in the legal entity that is proposed to own the property upon receiving necessary approvals.**

Applicants Involvement with the Property

If the Applicant does not own the property, please also provide documentation showing the applicant's interest in the property *(Check which document is attached. The dollar amounts in documents may be blacked-out)*:

- ☐ Owner (see the previous box)
- ☐ Real Estate Contract
- ☒ Lease
- ☐ Other _____

☐ **Complete Attachment C, listing all individuals/entities that have a beneficial interest in the legal entity that is the Applicant.**

Additional Required Attachment(s)

Submit all relevant attachments specified in the below worksheet(s) that correspond with your application request(s) selected on page two of this application; the worksheets can be found on the Village of Northbrook website www.northbrook.il.us. *(Check all that are applicable)*

- ☐ Comprehensive Plan Amendment Worksheet
- ☐ Annexation Worksheet
- ☐ Rezoning Worksheet
- ☒ Special Permit Worksheet
- ☒ Site Plan Approval Worksheet
- ☐ Zoning Code Text Amendment Worksheet
- ☐ Zoning Variation Worksheet
- ☐ Planned Development Worksheet
- ☐ Subdivision Worksheet – Tentative Plat
- ☐ Subdivision Worksheet - Final Plat
- ☐ Subdivision Worksheet - Variations/Waiver
- ☐ Plat of Consolidation Worksheet

Filing Fees

All applications require payment of a non-refundable fee, as well as additional funds that are held in escrow to off-set anticipated recoverable expenses. Please attach a check with your application and indicate below the amount of the fee submitted. A copy of the fee schedule is attached to the application form.

$ 500 Amount of Non-Refundable Fee

$ 6500 Amount of Escrow

$ 7000 Total Application Fee (Non-Refundable Fee plus Escrow)

The escrow covers such items as Village attorney time (currently billing at approx. $400.00 per hour), public notice expenses, public meetings ($50.00 per mtg), & staff review time. If these expenses exceed the initial escrow deposit, the applicant is responsible for additional payment to the Village prior to completing approval process. If the expenses are less than the escrow deposit, the applicant will be issued a refund.

Northbrook Ethics Code *(potential conflicts of interest)*
On a separate sheet of paper list the name, address, nature, and extent of any current or potential interest that any Village officer or employee may have in, or with respect to the owner, the applicant, or the property. **If none, check here:** X

Repeat Application

Has any other application for this property been submitted to the Village and denied within the last two years?
___ yes _X_ no (check one)
If yes, attach a statement of the grounds justifying reconsideration.

Applicant/Owner Acknowledgments

By execution of this application in the space provided below, the Applicant and Owner(s) do hereby certify, acknowledge, agree and affirm to the Village of Northbrook that:

1. The Village and its representatives have the right, and are hereby granted permission and license, to enter upon the property, and into any structures located thereon, for purposes of conducting any inspections that may be necessary in connection with this application.

2. I (We) have carefully read this application, the Northbrook Zoning Code and Northbrook Subdivision & Development Code and fully understand the terms and provisions of each.

3. I (We) waive any rights to exemption from disclosure under the Illinois Freedom of Information Act of any and all documents and information submitted in connection with this application.

4. I (We), in accordance with the requirements of the Annual Fee Ordinance, the Northbrook Zoning Code and the Northbrook Subdivision & Development Code, agree to pay all applicable filing fees and be responsible for the payment of all reimbursable expenses associated with the processing of this application.

Applicants may attach additional materials or exhibits to this application if necessary or helpful in explaining the relief requested.

Signature of Applicant: Brieanna Ramsey (Randy's Supermarkets Inc.) **Date** 11/6/25
Print Name & Title: Brieanna Ramsey // Sr. Asset Manager
Signatures of Property Owner(s): [signature] **Date** 11/7/25
Print Name & Title: Theron J. Berg, GM Properties **Property Address:**
****If more than one applicant or property owner, please copy this page and have additional applicants/property owners sign form.**

Note: Village review and approval of rezoning, special permit, and subdivision applications may be dependent upon the Applicant first receiving necessary approvals from State and County regulatory agencies such as, but not limited to, the Illinois Department of Transportation, Illinois Environmental Protection Agency, the Metropolitan Water Reclamation District of Greater Chicago, & the Cook County Highway Department.

ATTACHMENT B - Proposed Property Owner (if applicable) – Beneficial Interest

Please check which of the following describes the proposed property owner's beneficial interest in the property and complete this sheet as instructed for each type of beneficial interest:

☒ Corporation	If the **proposed property owner** is a corporation, please list the name and addresses of all officers and directors of the corporation and all shareholders who own individually or beneficially 5% or more of the stock of the corporation. In addition, this application must be accompanied by a resolution of the corporation authorizing the execution and submittal of this application.
☐ Partnership or LLC	If **proposed property owner** is a partnership or an LLC, please list all partners, general and/or limited, with an individual or beneficial interest of 5% or greater.
☐ Trust	If **proposed property owner** is a trust, please provide the trust number _____ and name and address of the Trustee _____ _____, as well as list below the names and address of all beneficiaries of the Trust, together with their respective interests in the trust. The application shall be further verified by the **proposed property owner** in his capacity as trustee or by the beneficiary as a beneficial owner of an interest in the Trust and the application shall be signed individually by as many beneficiaries as are necessary to constitute greater than 50% ownership of the beneficial interest of the Trust

Name: John R. Menard Jr.

Address: 5101 Menard Dr. Eau Claire, WI 54703

Ownership or Trust Interest: >5 %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

Name: _____

Address: _____

Ownership or Trust Interest: _____ %

ATTACHMENT B - Proposed Property Owner (if applicable) – Beneficial Interest

Please check which of the following describes the proposed property owner's beneficial interest in the property and complete this sheet as instructed for each type of beneficial interest:

☒ Corporation	If the **proposed property owner** is a corporation, please list the name and addresses of all officers and directors of the corporation and all shareholders who own individually or beneficially 5% or more of the stock of the corporation. In addition, this application must be accompanied by a resolution of the corporation authorizing the execution and submittal of this application.
☐ Partnership or LLC	If **proposed property owner** is a partnership or an LLC, please list all partners, general and/or limited, with an individual or beneficial interest of 5% or greater.
☐ Trust	If **proposed property owner** is a trust, please provide the trust number _____ and name and address of the Trustee _____ _____, as well as list below the names and address of all beneficiaries of the Trust, together with their respective interests in the trust. The application shall be further verified by the **proposed property owner** in his capacity as trustee or by the beneficiary as a beneficial owner of an interest in the Trust and the application shall be signed individually by as many beneficiaries as are necessary to constitute greater than 50% ownership of the beneficial interest of the Trust

Name: Roundy's Supermarket, Inc.
Address: 875 E. Wisconsin Ave.
Milwaukee, WI 53208
Ownership or Trust Interest: 100 %

Name: _____
Address: _____
Ownership or Trust Interest: _____ %

Name: _____
Address: _____
Ownership or Trust Interest: _____ %

Name: _____
Address: _____
Ownership or Trust Interest: _____ %

Name: _____
Address: _____
Ownership or Trust Interest: _____ %

Name: _____
Address: _____
Ownership or Trust Interest: _____ %

ATTACHMENT C - Applicant – Beneficial Interest

Please check which of the following describes the beneficial interest in the legal entity that is the applicant and complete this sheet as instructed for each type of beneficial interest:

❑ Corporation	If **applicant** is a corporation, please list the name and addresses of all officers and directors of the corporation and all shareholders who own individually or beneficially 5% or more of the stock of the corporation. In addition, this application must be accompanied by a resolution of the corporation authorizing the execution and submittal of this application.
❑ Partnership or LLC	If **applicant** is a partnership or an LLC, please list all partners, general and/or limited, with an individual or beneficial interest of 5% or greater.
❑ Trust	If the **applicant** is a trust, please provide the trust number _____ and name and address of the Trustee _____ _____, as well as list below the names and address of all beneficiaries of the Trust, together with their respective interests in the trust. The application shall be further verified by the **applicant** in his capacity as trustee or by the beneficiary as a beneficial owner of an interest in the Trust and the application shall be signed individually by as many beneficiaries as are necessary to constitute greater than 50% ownership of the beneficial interest of the Trust

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Name: _____

_____

Address: _____

_____

Ownership or Trust Interest: _____ %

Written Explanation of Application

To	From
Village of Northbrook Planning and Zoning Dept. 1225 Cedar Lane Northbrook, IL 60062	Joseph Bermudez, Senior Project Manager Sevan Multi-Site Solutions 3025 Highland Parkway | Suite: 850 Downers Grove, IL 60515
Re:	**Date**
Written Explanation of Application Mariano's Fuel Center 784 Skokie Blvd. Northbrook, IL 60062	1/22/2026

Dear Village of Northbrook Planning Staff,

Sevan Multi-Site Solutions, on behalf of the applicant, Roundy's Supermarkets Inc., is submitting the attached documents to be presented to the Plan Commission for recommendation to the Village Board for approval of our Site Plan and amend the Planned Development for Fuel Sales Use. The documents detail the request for a proposed Mariano's retail fuel center consisting of five (5) multi-product fuel dispensers, one (1) fuel canopy, and transaction kiosk in the parking lot located south of the Mariano's grocery store located at 784 Skokie Blvd. within the 770 Northshore Shopping Center.

Property:
The Northshore 770 property is zoned O4, Boulevard Office, which permits Fuel Sales use. This shopping center is anchored by Mariano's Grocery store which has 4 tenant spaces on the Northside of the building which includes Kriser's Natural Pet (retail), Hair Cuttery (retail service), Fuddruckers (Restaurant) and one (1) vacant space. Surrounding the anchor tenant building are Panera Bread, PNC Bank, a three commercial tenant building and four tenant commercial building which house a variety of retail, service retail, and fast casual restaurants.

Project Background:
Mariano's is a brand of Roundy's Supermarkets Inc. who is a subsidiary of The Kroger Co. The Kroger Co. owns and operates approximately 1,500 retail fuel centers in combination with their grocery stores across the country in 37 states. The fuel program is designed to be a benefit to existing customers by providing loyalty discounts and one-stop convenience. The proposed retail fuel center is a category extension of the existing grocery operations and will be managed and staffed by well-trained grocery store employees (typically one employee per shift).

Site Plan:
The fuel center is scheduled to be built within an approximately 10,900 S.F. section of the underutilized southern parking lot of Mariano's removing 85 parking stalls. The PUD requires 480 parking stalls and currently offers 563, the removal of these parking stalls would still allow the PUD to comply with the parking requirement. Mariano's utilized 355 of these parking stalls, the subtraction would result in 270 parking spaces for Mariano's.

We hired Colliers Engineering and Design to conduct a parking analysis where parking counts were observed on weekdays and weekends during peak and nonpeak hours. This study concluded that the Mariano's at

peak hours utilizes 196 stalls on a weekday and 182 stalls at peak hours on weekend day. This allows us to remain over 70 stalls over the parking demand that the Mariano's grocery store with the development of the Fuel Center.

The site plan also includes restructuring of 6 parking lot islands to accommodate proper separation of the Fuel Center from the parking lot and shared access drive of the property. This is a minimal net loss of green space that does not alter the character of the landscape plan.

Traffic:
A traffic impact study was conducted by Colliers Engineering and Design which concluded the fuel center trip generation would operate near or at the same level in the future as if it was not built. Traffic within the site will not be affected as the fuel center stacking, fuel delivery, and consumer traffic will be contained within the Mariano's parking area being scheduled for development.

Utilities/Stormwater:
Power and communication services will be bored to the store where they will feed from existing systems. The sanitary lead will tie into a manhole north of the proposed kiosk location. The water service lead will tie into the existing Mariano's water lead West of the proposed Kiosk building which runs along the west property line and serves Mariano's. Existing storm systems will be mostly untouched including the underground detention vault North of the fuel center. All catch basins that receive runoff from the proposed fuel center dispenser pad will have stormwater quality treatment units installed prior to discharge.

A pre-application meeting with Metropolitan Water Reclamation District (MWRD) was held on October 6th which confirmed schedule A, B, & C permits were required for our sanitary connection while stormwater volume control will only be required if we cause more than 1/10th of an acre of impervious surface increase. The development will not increase the impervious area or change drainage patterns. The existing detention and volume control system that currently serves the entire shopping center will remain as is.

The underground petroleum storage tank system is designed, installed, and operated per local, state, and federal guidelines.

Signage:
A combination of Brand and price signage are proposed for the dispensers, canopy and alteration of the existing Mariano's panel on the multi-tenant monument sign to include electronic price reading boards.

Architecture and Building Design Standards:
The kiosk and canopy columns will mimic the existing Mariano's Grocery store masonry details, have two (2) restrooms, and a transition drawer. There is a 145' x 24' canopy for weather protection for the 5 fuel dispensers which creates locations for 10 vehicles to be fueled.

Operations:
The fuel center will operate 24 hours with credit card purchases while the kiosk will operate at the same hours as the Mariano's Grocery Store (6am-10pm, 7 days a week) and will have 2-3 employees. There will

be an outdoor sales area which includes beverage coolers, merchandisers containing: firewood, empty gas cans, windshield washing solvent, rock salt, etc. Customer's transactions will be handled directly at the pump via credit/debit cards or they may walk up to the transaction kiosk where they will be able to make purchases through a transition window. The kiosk will house two restrooms, one being an employee only restroom access from the employee area and a unisex restroom for customers to access from outside the kiosk.

Mariano's customers have come to expect the convenience of being able to redeem their earned fuel points for reduced fuel prices with grocery shopping trips. A significant portion of the sales at Mariano's fuel center are typically associated with a grocery shopping trip, hence a tremendous portion of those using the fuel center will be Mariano's shoppers already in the parking area. Additional fuel customers, as with any fuel center, will come from "pass by" trips already on Skokie Blvd., so there will be a negligible increase in traffic as concluded in our traffic impact study.

Sincerely,

Joseph Bermudez | Senior Project Manager
[redacted]
www.sevansolutions.com
Elmwood Park, IL 60707
INTEGRITY | RESPECT | TEAMWORK | EXCELLENCE | CHARITY

784 Skokie Boulevard – Mariano's Gas Station (PCD-25-18)

Fuel Sales.

a. ***Location***. Fuel pump canopies shall be located a minimum of 100 feet from any interior side or rear property line that adjoins residentially developed property.

Response: There are no neighboring residential properties, so this item is satisfied by current setback of canopy from West and South property lines.

b. ***Height***. Fuel pump canopy height shall not exceed the height of the principal building or 15 feet, whichever is greater.

Response: The principal building is Mariano's grocery store which is approximately 50' +/- 3' which is significantly greater than the 19' height from grade of the fuel center canopy.

c. ***Materials***. Fuel pump canopy roofs shall be steel construction. Plastic and similar materials are prohibited.

Response: The fuel pump canopy roof is steel structural construction with sheet metal fascia.

d. ***Lighting***. Fuel pump canopy lighting shall be fully recessed.

Response: Fuel pump canopy lighting fixtures have been reviewed and approved by Village of Northbrook planning staff which are the recessed model for Mariano's Fuel Canopies.

Sustainability Addendum

To	From
Village of Northbrook Sustainability Coordinator 1225 Cedar Lane Northbrook, IL 60062	Joseph Bermudez, Senior Project Manager Sevan Multi-Site Solutions 3025 Highland Parkway | Suite: 850 Downers Grove, IL 60515
Re:	Date
Sustainability Addendum Mariano's Fuel Center 784 Skokie Blvd. Northbrook, IL 60062	11/24/2025

Dear Members of the Planning Staff, Planning Commission, and Village Board,

Our project was reviewed by the Sustainability Coordinator, Kate Carney, which through the Village of Northbrook's Climate Action Plan (CAP) mission to reduce carbon emissions, our project was provided a series of action items to consider which are listed below with our responses.

Transportation and Land Use
In the Transportation and Land Use section of the CAP, recommendations are made to enhance active mobility and fossil fuel-free transit:

TL 5- 8 Consider installing EV charging stations for patron use. If this will not be realized, consider including capabilities for future electric vehicle charging installation. This could include conduit, wiring, electrical service panels, and power capacity near parking areas, terminated in outlets or junction boxes to meet demand for at least 2 EV charging ports.

- This project currently is not considering EV stations as part of this development.

TL 7- 1 The Village has enacted a nine-month ban on gas powered leaf blowers – ensure compliance on site.

- This is noted, the landscaping maintenance is handled by the landlord who should be following the Village ordinance.

Buildings and Energy
The Building Energy section of the CAP provides the following items pertaining to reducing our community-wide carbon footprint and preserving wildlife:

BE 2- 1 Consider incorporating a renewable energy installation to offset emissions generated from the development. Work with CPACE, Illinois Shines, or similar programs for incentives. If installation will not be realized, consider reserving space for a solar-ready roof zone and plan for structural design loads and electrical service to allow for future installation of a dual pole circuit breaker if possible.

- This project currently does not include solar panels but in the instance this was a requirement, the canopy roof could house these as required by code.

BE 2- 2 If the site is suitable, make the canopy solar ready.

- This project currently does not include solar panels but in the instance this was a requirement, the canopy roof could house these as required by code.

BE 4- 1 Consider green power purchase options such as those provided by ComEd and Nicor.

- This building will utilize the existing electrical service provided to the Mariano's grocery store and will not be utilizing natural gas.

BE 5- 1 Explore opportunities for the property to utilize smart lights that can save energy through conservation. Achieve 100% LED installation if possible.

- This development will utilize all LED light fixtures.

BE 5- 4 Require purchase and installation of ENERGY STAR appliances when available.

- This development will utilize the latest energy efficient appliances as it applies to coolers and roof top units (RTUs) for the kiosk.

BE 7- 2 Consider the benefits of replacing fossil fuel burning heating equipment with air-source heat-pumps, or other efficient electric heating options.

- The kiosk building is scheduled to utilize an electric heater.

Waste Management

The CAP points to procedures that may facilitate waste reduction (with a goal of at least 50% landfill wasted diverted by 2030) in its Waste Management section:

WM 1- 1 Consider phasing out single-use products. This would apply to (but not limited to) bags (both paper and plastic), utensils, napkins, and take-out containers.

- This operation will include only the use of single use grocery bags for customers who request them when making purchases at the kiosk building.

WM 2- 5 Assure compliance with the Cook County Construction & Demolition Debris Diversion Ordinance and encourage contractors and subcontractors to exceed minimum requirements where applicable.

- All codes and requirements will be followed during the

Water and Wastewater

In the Water and Wastewater category, the CAP states to prioritize mitigating stormwater before it enters the
sewer system through multiple capture techniques:

WW 1- 1 Consider landscaping practices that reduce water consumption and chemical use on site.

- Existing landscaping practices will not be interrupted as we are doing a minimal net loss of green space with islands being relocated.

WW 2- 1 Prioritize managing stormwater before it enters the sewer system through a combination of overland flow, detention, and infiltration strategies (for example, permeable surfaces) where feasible.

- We are implementing a sand/oil separator at our storm drains to treat water before it enters the

storm system.

WW 2- 3 Consider revegetation, tree preservation planting and maintenance, de-paving and porous pavement, green infrastructure like bioswales and Eco-roofs in site development.

- We are planning to relocate some existing islands but most of the development is within an underutilized paved parking area.

WW 3- 3 Reduce or offset impervious surfaces where possible and consider use of lighter colored pavements and building materials to lessen the impact of urban heat island effect.

- Majority of this area will now be covered by a canopy which will help reduce the heat island effect.

Greenspace and Ecosystem Health

The Plan's Greenspace category includes the following for expansion of tree canopy coverage, transforming beneficial lawns, and mitigation of heat island impacts:

GS 1- 12 Plan for diversity of native tree cover and performance-based tree island within landscaping plan and parking lots with goals on percentage of pavement shaded. Consider a mix of canopy trees, shrubs, groundcovers, and raingarden components appropriate to the lot and its surroundings in any new landscaping where possible.

- Landscaping work planned is to utilize existing species of shrubs within the landscape islands being relocated to wok within the existing greater landscape design plan.

GS 1- 5 Consider including exterior lighting design a policy to protect native plants, species, biodiversity, and improve night sky quality.

- Exterior lighting is being designed within the parameters of the Village lighting ordinance as demonstrated in our photometric plan.

GS 4- 8 Consider utilizing shade and water absorbing trees and replacing turf landscaping with native prairie, wild flower, and savanna plantings.

- This scope will not apply to this development.

Sincerely,

Joseph Bermudez | Senior Project Manager

[redacted]

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Elmwood Park, IL 60707
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Comment Response Letter

February 20, 2026

Recipient: Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062

Project: Marian's Retail Fuel Center No. 533
784 Skokie Blvd
Northbrook, IL 60062

RE: Response to Comments
PCD-25-18-784 Skokie Boulevard – Mariano's Gas Station

To Swati Pandey,

As Agents for Kroger, the applicant, we respectfully submit the responses below, **in red**, to the comment provided dated February 20, 2026.

Comment Response Below:
DPS COMMENTS:

1. The submittal 2 response letter states that Sheet C1.10 Demolition Plan was added to engineering set but it was not included. Submit Sheet C1.10 with the engineering plan set.
   Response: Sheet C1.10 is NOT included with the planning review set. This sheet will be included in the engineering construction permit set to be submitted at a later date.

2. Site Plan:
   a. Label aisles as 11 spaces since each aisle has lost a space.
   Response: Adjusted aisle labels as noted.

   b. Sheet C1.20: Label the dimension of this end space.
   Response: Added the dimensions of the end parking space as noted.

   c. Sheet C1.20: Is this light pole shown in error?
   Response: Due to the adjustment of the storm drain when adjusting the site for the 10' landscape islands, we had to shift the parking light pole to the location show here to avoid both the storm drain to the left and the detention basin to the north.

TREE COMMENTS:

1. Page 2 is missing from the parking island tree planting detail. Details can be found at https://www.northbrook.il.us/366/Engineering-Standards-Specifications.
   Response: Page 2 was added to sheet L1.21.

2. Please include, on the plans, a table showing proposed soil volumes for the 3 north islands containing trees. Island square footage was provided. The islands should provide adequate soil volume for the proposed tree based on the

tree's size at maturity. Structural soil will be required to provide adequate volume. Provide calculations for needed quantities of structural soil.
Response: A table is provided on sheet L1.20 titled "SOIL VOLUMES" with island square footage and soil volumes. Islands are labeled on the sheet with respective numbers.

3. Above comments can be handled at time of permit submittal. Ok to proceed to plan commission.
Response: Noted.

Regards,

Joseph Bermudez

Senior Project Manager
Sevan Multi-Site Solutions
Agent for The Kroger Co.

Comment Response Letter

February 19, 2026

Recipient: Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062

Project: Marian's Retail Fuel Center No. 533
784 Skokie Blvd
Northbrook, IL 60062

RE: Response to Comments
PCD-25-18-784 Skokie Boulevard – Mariano's Gas Station

To Swati Pandey,

As Agents for Kroger, the applicant, we respectfully submit the responses below, **in red**, to the comment provided dated December 16, 2025.

Comment Response Below:
DPS COMMENTS:

1. The submittal 2 response letter states that Sheet C1.10 Demolition Plan was added to engineering set but it was not included. Submit Sheet C1.10 with the engineering plan set.
   Response: Sheet C1.10 is included in the engineering plan set.

2. Site Plan:
   a. All new landscape islands should be a minimum of 10 feet width. The parking lot landscape islands must comply with area, design, and landscape material requirements per Section 10-106.F.2.a. Revise and match all plans.
   Response: Islands were adjusted to ensure minimum width of 10 feet. See sheet C1.20 for dimensions regarding the adjusted parking islands.

   b. Confirm if any parking spaces are lost due to expanded landscape islands, and revise the parking plan numbers and adjust for accuracy. Label the landscape islands, parking spaces, and drive aisles.
   Response: An additional 6 spaces were lost to accompany the expanded islands. See sheet C1.03 for adjusted parking site plan numbers.

   c. On the parking site plan – revise the parking numbers in front of Building A, and revise the total.
   Response: The parking numbers were revised in front of building A to ensure proper parking count.

3. Ground Sign - Confirm the following:
   a. Will both existing ground signs (Dundee and Skokie) be redesigned per the sign plan submitted?
   Response: Yes, the existing Mariano's face will be modified in both signs.

   b. Besides the digital display of the price board, is the rest of the sign static?

Response: Correct, the non-digital display half of the sign will be a replicate of what is existing today, just scaled down.

TREE COMMENTS:

1. Page 2 is missing from the parking island tree planting detail. Details can be found at https://www.northbrook.il.us/366/Engineering-Standards-Specifications.
   Response: Page 2 was added to sheet L1.21.

2. Please include, on the plans, a table showing proposed soil volumes for the 3 north islands containing trees. Island square footage was provided. The islands should provide adequate soil volume for the proposed tree based on the tree's size at maturity. Structural soil will be required to provide adequate volume. Provide calculations for needed quantities of structural soil.
   Response: A table is provided on sheet L1.20 titled "SOIL VOLUMES" with island square footage and soil volumes. Islands are labeled on the sheet with respective numbers.

3. Above comments can be handled at time of permit submittal. Ok to proceed to plan commission.
   Response: Noted.

Regards,

Joseph Bermudez

Senior Project Manager
Sevan Multi-Site Solutions
Agent for The Kroger Co.

Comment Response Letter

January 27, 2026

Recipient: Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062

Project: Mariano's Retail Fuel Center No. 533
784 Skokie Blvd
Northbrook, IL 60062

RE: Response to Comments
PCD-25-18-784 Skokie Boulevard – Mariano's Gas Station

To Swati Pandey,

As Agents for Kroger, the applicant, we respectfully submit the responses below, **in red**, to the comment provided dated December 16, 2025.

Comment Response Below:
DPS COMMENTS:

1. Written Explanation – The narrative makes reference to the proposed use as a 'special permit' in the first and second paragraph of the document. Revise, as "Fuel Sales" is a permitted use in the O-4 district (subject to additional regulations) per the current Zoning Code. However, an amendment to the existing Planned Development through a public hearing process is required.
   Response: The written explanation has been updated per the provided comment.

2. "Fuel Sales" within the O-4 district is a permitted use, however, it must comply with additional standards. See Fuel Sales Standards document attached and respond to each standard.
   Response: See completed Fuel Sales Standards response sheet.

3. Provide a plan exhibit showing the area of scope of work and the existing improvements being removed. The parking spaces and other improved structures can be shown with dashed lines.
   Response: C1.10 Demolition Site Plan sheet was added to the set.

4. Is the structure covering the pedestrian sidewalk within the parking lot (that runs north-south) going to be removed?
   Response: No, Structure to remain.

5. Parking:
   a. Provide a parking plan showing the parking lot (and available parking spaces) for the entire Planned Development. Considering the scope of work and substantial removal of existing parking spaces, a parking assessment based on the parking regulations noted in the Zoning Code is required. The parking plan must show the available parking spaces for the entire commercial development for Northshore 770 (Planned Development). Confirm the total number of existing parking spaces available on-site within the Planned Development. See an aerial attached depicting the extent of The Planned Development. Response: The parking plan was provided and the comments received will be addressed in this response.

b. Provide a breakdown of commercial tenants within the Planned Development and provide the name, type of use, and square footage (information typically available in the rent roll with the landlord), for parking calculation.
Response: See sheet C0.03 for the parking plan where this is shown within the tables provided.
c. Are any ADA spaces being eliminated? Show the total number of ADA spaces on the parking plan within the Planned Development to show compliance with the IL Accessibility Code.
Response: No ADA spaces are being removed. See sheet C1.20 for ADA parking spaces being added.

6. Explain the loading/unloading process/operations for the facility. What is the process and expected frequency of fuel delivery? Would deliveries interfere with the access to the gas station or with the drive aisles?
Response: See sheet C1.21 which depicts the turning model for the fuel delivery truck. The truck will enter off Dundee Road then be able to maneuver to the fuel tanks parking within the proposed fuel center lot lines to avoid interference with the shared critical access road or customers accessing the fuel dispensers. Fuel deliveries

7. Show on-site pedestrian walkway connections within parking lot and between development on the property. See Section 10-105 of the Zoning Code. Revise Site Plan and match other plans.
Response: See sheet C1.20 for provided ADA path of travel.

8. Elevation plan: Label the canopy and building dimensions on the plan. Also label the dimensions of the signs shown on the elevation plan. Please note, wall signs shall not exceed 100 square feet or 5 percent of the wall to which it is affixed, whichever is less. For additional information, see Article 11 – Sign Standards of the Zoning Code.
Response: Please see revised elevations in document 6 - Elevations and Floor Plan – 01.26.26 which include the dimensions on our elevations. An additional document labeled 16 – Exterior Signage Details has been provided to provide details on signage dimensions.

9. Explain how the waste disposal process will be handled for the new building.
Response: There will be routine schedules for trash bins on premise to be emptied and consolidated which will then be wheeled over to the large dumpster servicing the Mariano's Grocery store which has capacity to include any refuse from the Fuel Center.

10. Confirm that all new proposed outdoor lighting fixtures shall be so designed, arranged and operated as to prevent direct rays of light from being cast onto any adjacent property or street.
Response: All light fixtures will be arranged, shielded, and operated in a manner that rays of light will not be casted onto adjacent properties or street.

11. Traffic Impact Study: Page 15 – The first paragraph references, "City of Arden Hills….". Revise. Make sure all data and study is accurate pertaining to the site in Northbrook.
Response: The Traffic Impact Study has been revised to address any reference errors.

12. Please be advised per previous approval documents of the Planned Development (Ordinance no. 2014-23), all signage is subject to design review prior to issuance of a sign permit.
Response: Noted.

TREE COMMENTS:

1. Use Village details for tree protection, tree planting, shrub planting, and parking island tree planting. Details can be found at https://www.northbrook.il.us/366/Engineering-Standards-Specifications.
Response: Village details are provided on sheet L1.21.
2. Change out the proposed serviceberries in the 3 north islands with medium size shade trees off the Village's approved tree replacement list (attached).
Response: Serviceberries are replaced with medium trees witchhazel and state street miyabe maple. See sheet L1.20.
3. Provide tree planting volumes for the 3 north islands.

Response: Tree planting volumes provided on sheet L1.20.

4. Landscaping comments can be handled with permit submittal. Ok to proceed to plan commission.
   Response: Noted.

Regards,

Joe Bermudez
Senior Project Manager
Sevan Multi-Site Solutions
Agent for The Kroger Co.

1110 American Parkway Building 10 Suite F-200B
Allentown, Pennsylvania 18109
Main: 877 627 3772

Colliers
Engineering & Design

VIA EMAIL
January 22, 2026

Steve Pautsch, P.E., PTOE
Civiltech Engineering, Inc.
Two Pierce Place, Suite 1400
Itasca, IL 60143

RE: Response to Comments Letter
784 Skokie Boulevard
Village of Northbrook, Cook County, Illinois
CED Project No.: 25012699A

Dear Mr. Pautsch,

On behalf of the applicant, Mariano's (Northbrook), Colliers Engineering & Design is pleased to submit this response to your technical memorandum, dated December 9, 2025, addressing the review comments for the proposed Mariano's Gas Station which is proposed to be a supplemental use to the existing Mariano's Grocery Store located in the City of Northbrook, Cook County, Illinois.

Our detailed responses to the comments provided are provided below:

Comment #1: Clarify whether the traffic impact study will be submitted to the Illinois Department of Transportation. IDOT may require background traffic growth to be calculated using rates provided by the Chicago Metropolitan Agency for Planning (CMAP) projected to 5 years past the build-out year (2032). If the study does not require IDOT review, then the background growth as shown is acceptable.

Response #1: Comment acknowledged. Based on coordination with IDOT, they will require a Transportation Impact Study for their review and approval. This additional analysis will be provided as part of a future TIS submission to IDOT.

Comment #2: On page 10, update sentence that says growth rates were estimated based on data published in the MNDOT TCDS map.

Response #2: Comment addressed. The Transportation Impact Study, dated January 22, 2026, has been revised to accommodate this change.

Comment #3: Tables 4 through 7 are very difficult to read. Improve formatting by adding thicker vertical lines between each of the three scenarios and thin lines between each column.

Response #3: Comment addressed. The Transportation Impact Study, dated January 22, 2026, has been revised to accommodate this change.

Comment #4: According to local practice, do not optimize traffic signal timings at the intersection of Skokie Boulevard and Dundee Road. This will provide for direct comparison of impacts between the scenarios.

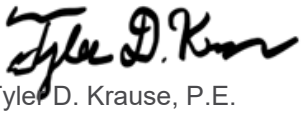
Response #4: Comment addressed. The Transportation Impact Study, dated January 22, 2026, has been revised to accommodate this change.

Comment #5: In the first paragraph of the Summary and Conclusions section, fix the typo referencing the wrong location.

Response #5: Comment addressed. The Transportation Impact Study, dated January 22, 2026, has been revised to accommodate this change.

We trust that the responses in this letter satisfactorily address the comments provided as part of the technical memorandum, dated December 9, 2025. If you have any questions, or require further clarification, please do not hesitate to contact me.

Sincerely,



Tyler D. Krause, P.E.
Colliers Engineering & Design
Senior Project Manager| Traffic Planning

TDK

cc: Swati Pandey, AICP, Village of Northbrook
Joe Bermudez, Seven Multi Site Solutions

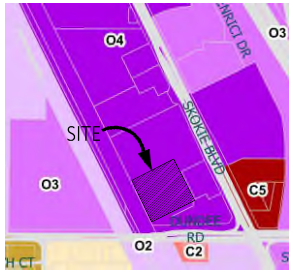
R:\PROJ\Year\2025\25012699A - Mar-Northbrook\Reports\Traffic\Docs\260122_tdk_RTC.docx

MARIANO'S

MARIANO'S - M533
RETAIL FUEL CENTER

784 SKOKIE BLVD
NORTHBROOK, IL, 60062
(COOK COUNTY)

N
LOCATION MAP
SCALE: NTS



N
ZONING MAP
SCALE: NTS

PROJECT DESCRIPTION	
CONSTRUCTION OF A RETAIL FUEL CENTER IN AN EXISTING SHOPPING CENTER CONSISTING OF: • ONE (1) 3,956 SF CANOPY • ONE (1) 239 OSF KIOSK BUILDING • FIVE (5) DISPENSER ISLANDS	
SITE NOTES:	
1	THE BOUNDARY LINES AND TOPOGRAPHY FOR THIS PROJECT ARE BASED ON A FIELD SURVEY COMPLETED BY COMPASS SURVEYING LTD DATED: 08.19.2025
PARCEL INFORMATION:	
PARCEL NUMBER(S):	2356077
OWNER/LESSOR:	THE KROGER CO.
ACRES:	±15.78 AC

BUILDING CODE REVIEW	
ACCESSIBILITY CODE:	ILLINOIS ACCESSIBILITY CODE
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE
ELECTRICAL CODE:	2017 NATIONAL ELECTRIC CODE
ENERGY CODE:	2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
MECHANICAL CODE:	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE:	2014 ILLINOIS PLUMBING CODE
FIRE CODE:	2018 INTERNATIONAL FIRE CODE
ZONING ORDINANCE REVIEW	
ZONING ORDINANCE:	VILLAGE OF NORTHBROOK
ZONING MAP:	VILLAGE OF NORTHBROOK ZONING MAP
SITE ZONING:	O4 - BOULEVARD OFFICE
PERMITTED USE:	NO - SPECIAL USE

BULK REGULATIONS			
ITEM	REQUIRED	PROPOSED	ORDINANCE
LOT REQUIREMENTS:			
MIN. LOT AREA	20,000 SF	±393,882 SF (± 8.35 AC)	BULK REGULATIONS ARTICLE 6
MIN. LOT WIDTH	300'	490'	BULK REGULATIONS ARTICLE 6
BUILDING REQUIREMENTS:			
MAX. BUILDING HEIGHT	110'-0"	CANOPY 19'-6"	TABLE: 6-110
MAXIMUM FLOOR AREA	0.50	±71,087 S.F./±364,346 S.F. = 0.19	
BUILDING SETBACK REQUIREMENTS:			
FRONT SETBACK (SOUTH) KIOSK/CANOPY	80'	126'/73.9'	BULK REGULATIONS ARTICLE 6
SIDE SETBACK (WEST) KIOSK/CANOPY	50'	114'/76.7'	
REAR SETBACK (NORTH) KIOSK/CANOPY	30'	764'/722.6'	
PARKING REQUIREMENTS:			
MIN. STANDARD SPACE SIZE	9'x20'	9'x20'	ARTICLE 9 PART I.B.9.104(C)(3)(i)
TOTAL PARKING:			
	EXISTING	PROPOSED	SPACES LOST
PARKING SPACES	355	270	85

NOTES:
1. FUEL CENTER TO UTILIZE TRASH ENCLOSURE AT THE GROCERY STORE

PROJECT DIRECTORY			
	DESCRIPTION	ADDRESS	CONTACT
SITE	OWNER/ DEVELOPER	ROUNDY'S INC. 701 4 WINE ST CINCINNATI, OH 45202	513.762.4000
	PROJECT MANAGER	SEVAN MULTI-SITE SOLUTIONS 3025 HIGHLAND PARKWAY SUITE 850 DOWNERS GROVE, IL 60515	JOE BERMUDEZ 253.508.3104
	SURVEYOR	COMPASS SURVEYING LTD 2631 GINGER WOODS PKWY AURORA, IL 60502	630.820.9100
DESIGN CONTACT	CIVIL ENGINEER	SEVAN ENGINEERING, PC 3025 HIGHLAND PARKWAY DOWNERS GROVE, IL 60515	TIMOTHY KRATZ, PE 586.899.2473
GOVERNMENT	PLANNING DEPARTMENT (TOWNSHIP)	VILLAGE OF NORTHBROOK PLAN COMMISSION 1225 CEDAR LANE NORTHBROOK, IL 60062	MICHAELA KOHLSTEDT STAFF LIAISON 847.664.4057
	ENGINEER	VILLAGE OF NORTHBROOK 1225 CEDAR LANE NORTHBROOK, IL 60062	847.272.5050
	BUILDING DEPARTMENT	VILLAGE OF NORTHBROOK DEVELOPMENT AND PLANNING SERVICES DEPARTMENT 1225 CEDAR LANE NORTHBROOK, IL 60062	847.664.4050
	DEPARTMENT OF TRANSPORTATION	ILLINOIS DEPARTMENT OF TRANSPORTATION 2300 S DIRKSEN PKWY SPRINGFIELD, IL 62764	217.782.7820

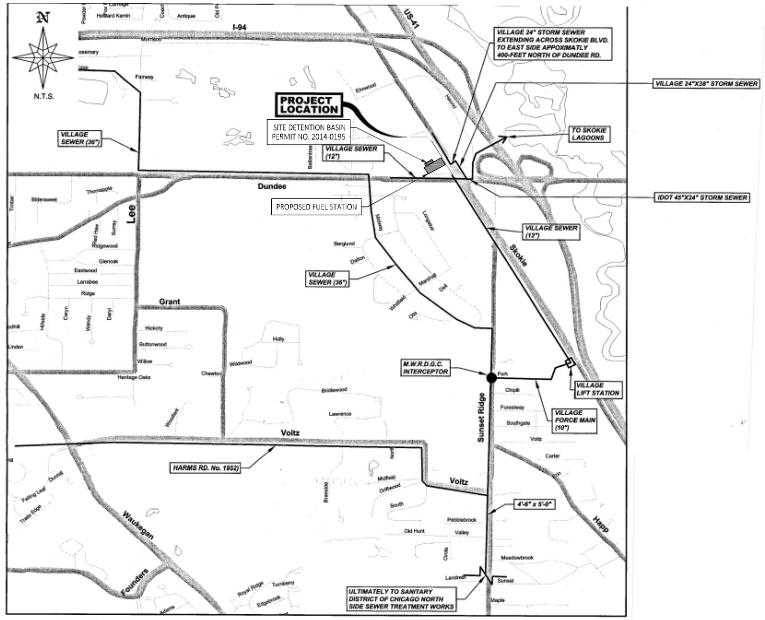
SURFACE WATER DRAINAGE CERTIFICATE:

THE UNDERSIGNED HEREBY CERTIFY, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THIS DEVELOPMENT OF ANY PART THEREOF, OR, IF SUCH SURFACE WATER DRAINAGE WILL NOT BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATER INTO PUBLIC AREAS, OR DRAINS WHICH THE OWNERS HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THIS SUBDIVISION.

DATED THIS _____ DAY OF _____, 2026

_____
ENGINEER

SHEET INDEX										
		11.07.2025 SITE PLAN/SPECIAL USE	01.12.2026 SITE PLAN RESUBMITTAL	01.13.2026 MWRD	02.18.2026 PLANNING COMMENTS		5	6	7	8
GENERAL		0	1	2	3					
C0.01	COVER SHEET	●	●	●	●					
C0.02	GENERAL NOTES			●						
C0.03	MWRD GENERAL NOTES			●						
SURVEY										
1 OF 1	BOUNDARY AND TOPOGRAPHIC SURVEY	●	●	●	●					
CIVIL										
C1.02	COMPOSITE SITE PLAN	●	●	●	●					
C1.03	COMPOSITE SITE PARKING PLAN		●	●	●					
C1.10	DEMOLITION SITE PLAN			●						
C1.11	EROSION AND SEDIMENTATION CONTROL PLAN			●						
C1.20	SITE DIMENSION PLAN	●	●	●	●					
C1.21	TRUCK TURN PLAN	●	●	●	●					
C1.30	GRADING PLAN	●	●	●	●					
C1.31	STORMWATER MANAGEMENT PLAN	●	●	●	●					
C1.40	UTILITY PLAN	●	●	●	●					
C5.00	DETAILS - SOIL EROSION			●						
C5.01	DETAILS - SITE			●						
C5.02	DETAILS - UTILITY			●						
C5.03	DETAILS - CITY OF NORTHBROOK			●						
LANDSCAPE										
L1.20	LANDSCAPE PLAN, SCHEDULE AND DETAILS	●	●	●	●					
L1.21	LANDSCAPE DETAILS			●	●					
PHOTOMETRIC SITE PLAN										
1 OF 1	PHOTOMETRIC PLAN	●	●	●						
ARCHITECTURE										
A-1	FLOOR PLAN	●	●							
A-2	BUILDING ELEVATIONS	●	●							



N
MWRD SEWER ROUTING MAP
SCALE: NTS

Call Before You Dig
JULIE
ILLINOIS ONE-CALL SYSTEM

PLOT: Z:\Drawn\Client Work\Roundy's Store\Active\M533 Northbrook, IL\Cad\Sheets\C0.01.dwg
PLOT DATE: 02/18/2026 - 8:46am
PLOTTED BY: Ryan Bermudez

655

sevan
ENGINEERING, P.C.
Corporate Office:
3025 Highland Parkway | Suite 850
Downers Grove, IL 60515
info@sevan.com www.sevan.com
INTEGRITY | RESPECT | TEAMWORK
EXCELLENCE | CHARITY

CLIENT
MARIANO'S

SEAL
I HEREBY CERTIFY THAT THESE DRAWINGS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND, THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, COMPLY WITH THE BUILDING CODES AND ORDINANCES OF THE LOCAL MUNICIPALITY.
LICENSED PROFESSIONAL ENGINEER
TIMOTHY R KRATZ
062-068956
02/18/2026

REVISIONS

REV.	DATE	DESCRIPTION
0	11.07.2025	SITE PLAN/SPECIAL USE
1	01.12.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION
COVER SHEET
MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.07.2025
DRAWN BY:	EB
CHECKED BY:	TRK
PROJ. MGR:	JB

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SHEET NUMBER
C0.01

BOUNDARY AND TOPOGRAPHIC SURVEY

LEGAL DESCRIPTION

PARCEL 1:

LOT 1 IN NORTHSHORE 770 SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, RECORDED JULY 16, 2014 AS DOCUMENT NUMBER 1419722012, EXCEPT THAT PART TAKEN FOR ROAD PURPOSES AFFECTING LOT 1, IN COOK COUNTY, ILLINOIS.

PARCEL 2:

NON-EXCLUSIVE EASEMENTS FOR THE BENEFIT OF PARCEL 1 FOR INGRESS, EGRESS, USE AND ENJOYMENT AS CREATED BY OPERATION AND RECIPROCAL EASEMENT AGREEMENT RECORDED AS DOCUMENT NUMBER 1420222017.

SCHEDULE B EXCEPTIONS

13. EASEMENT IN FAVOR OF COMMONWEALTH EDISON COMPANY AND ILLINOIS BELL TELEPHONE COMPANY, AND ITS/THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, TO INSTALL, OPERATE AND MAINTAIN ALL EQUIPMENT NECESSARY FOR THE PURPOSE OF SERVING THE LAND AND OTHER PROPERTY, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE GRANT RECORDED AS DOCUMENT NO. 21287063.

(AFFECTS LOT 1 IN NORTHSHORE 770 SUBDIVISION)

14. EASEMENT IN THE DEED DATED JUNE 7, 1965 AND RECORDED JUNE 7, 1965 AS DOCUMENT 19488631 FROM THE CHICAGO NORTH SHORE AND MILWAUKEE RAILWAY COMPANY TO THE CHICAGO AND NORTH WESTERN RAILWAY COMPANY OF THE PERPETUAL RIGHT AND EASEMENT IN THE COMMONWEALTH EDISON COMPANY TO CONSTRUCT, INSTALL, OPERATE, MAINTAIN, RENEW, REPLACE, REBUILD AND REMOVE SUCH EXISTING ELECTRIC TRANSMISSION, SUB-TRANSMISSION AND DISTRIBUTING FACILITIES.

(AFFECTS LOT 1 IN NORTHSHORE 770 SUBDIVISION)

15. EASEMENT FOR UTILITIES AS SHOWN ON PLAT OF LANE PARK SUBDIVISION RECORDED JULY 15, 1976 AS DOCUMENT 23560771.

(AFFECTS LOT 1 IN NORTHSHORE 770 SUBDIVISION)

16. A 50 FOOT BUILDING LINE AS SHOWN ON PLAT OF LANE PARK SUBDIVISION AFORESAID LYING WEST OF THE EASTERLY LINE OF THE LAND.

(AFFECTS LOT 1 AND OTHER PROPERTY)

17. RIGHTS OF PUBLIC UTILITY COMPANIES TO MAINTAIN THEIR EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT AS DISCLOSED BY OVERHEAD WIRES AND WOOD SERVICE POLES LOCATED ON LOT 4 IN LANE PARK SUBDIVISION, AS DEPICTED ON SURVEY NO. 6583 PREPARED BY INTECH CONSULTANTS, INC. DATED MAY 27, 2014, LAST REVISED JULY 10, 2014.

(AFFECTS LOT 1 IN NORTHSHORE 770 SUBDIVISION)

NOTE: THIS EXCEPTION WAS BROUGHT FORWARD FROM A PRIOR POLICY. WE DON'T HAVE A COPY OF SAID SURVEY. UPON RECEIPT AND REVIEW OF A CURRENT SURVEY, THIS EXCEPTION SHALL BE AMENDED, AS NECESSARY.

18. RIGHTS, IF ANY, OF PUBLIC AND QUASI-PUBLIC UTILITIES IN THE LAND AS DISCLOSED BY GAS LINES ON THE SOUTHWESTERN PORTION OF THE PREMISES AND MANHOLES AS SHOWN ON A SURVEY NUMBER 6583 PREPARED BY INTECH CONSULTANTS, INC., DATED MAY 27, 2014, AND LAST REVISED JULY 10, 2014.

NOTE: THIS EXCEPTION WAS BROUGHT FORWARD FROM A PRIOR POLICY. WE DON'T HAVE A COPY OF SAID SURVEY. UPON RECEIPT AND REVIEW OF A CURRENT SURVEY, THIS EXCEPTION SHALL BE AMENDED, AS NECESSARY.

20. TERMS AND CONDITIONS AS CONTAINED IN ENVIRONMENTAL 'NO FURTHER REMEDIATION LETTER' RECORDED NOVEMBER 2, 1999 AS DOCUMENT NUMBER 09029806, STATING THE LAND IS BE USED FOR INDUSTRIAL/COMMERCIAL ONLY.

21. TERMS, PROVISIONS, AND CONDITIONS RELATING TO THE EASEMENT DESCRIBED AS PARCEL 2 CONTAINED IN THE INSTRUMENT CREATING SAID EASEMENT.

RIGHTS OF THE ADJOINING OWNER OR OWNERS TO THE CONCURRENT USE OF SAID EASEMENT.

23. TERMS, PROVISIONS, RESTRICTIONS AND EASEMENTS CONTAINED IN THE OPERATION AND RECIPROCAL EASEMENT AGREEMENT RECORDED JULY 21, 2014 AS DOCUMENT 1420222017, RELATING TO USES, COMMON AREA MAINTENANCE AND EXPENSES, PARKING, STORM DRAINAGE EASEMENTS AND BUILDING RESTRICTIONS.

24. THE PLAT OF SUBDIVISION RECORDED JULY 16, 2014 AS DOCUMENT NUMBER 1419722012 INCLUDES A CERTIFICATION BY THE SURVEYOR THAT THE LAND IS LOCATED WITHIN A SPECIAL FLOOD AREA "X" AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

25. RESTRICTIVE COVENANTS AND EASEMENTS FOR STORM WATER DETENTION AREA APPENDED TO THE PLAT OF SUBDIVISION RECORDED JULY 16, 2014 AS DOCUMENT 1419722012. THESE COVENANTS SHALL RUN WITH THE LAND IN THE SUBDIVISION SHOWN ON THE PLAT, AND SHALL BE BINDING UPON AND INURE TO THE BENEFIT OF THE OWNERS OF ALL LOTS, THEIR RESPECTIVE SUCCESSORS, ASSIGNS, AND GRANTEES AND ALL PARTIES CLAIMING BY, THROUGH AND UNDER THEM.

26. PUBLIC UTILITY AND DRAINAGE EASEMENT PROVISIONS APPENDED TO THE PLAT OF SUBDIVISION IN FAVOR OF COMMONWEALTH EDISON COMPANY, SBC/AMERITECH ILLINOIS AKA ILLINOIS BELL TELEPHONE COMPANY, NICOR, COMCAST OF ILLINOIS, LLC, AND ITS/THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, TO INSTALL, OPERATE AND MAINTAIN ALL EQUIPMENT NECESSARY FOR THE PURPOSE OF SERVING THE LAND AND OTHER PROPERTY, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED JULY 16, 2014 AS DOCUMENT NO. 1419722012.

27. UTILITY AND ACCESS EASEMENT FOR UNDERGROUND STORM WATER DETENTION, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED AS DOCUMENT NO.1419722012.

(AFFECTS LOT 1)

28. UTILITY AND ACCESS EASEMENT, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED AS DOCUMENT NO. 1419872012.

(AFFECTS LOT 1 AND OTHER PROPERTY)

29. UTILITY AND ACCESS EASEMENT FOR UNDERGROUND STORM WATER DETENTION, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED AS DOCUMENT NO. 1419722012.

(AFFECTS LOT 1)

30. STORM SEWER AND DRAINAGE EASEMENT, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED AS DOCUMENT NO. 1419722012.

(AFFECTS LOT 1 AND OTHER PROPERTY)

31. EASEMENT IN FAVOR OF COMMONWEALTH EDISON, AND ITS/THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, TO INSTALL, OPERATE AND MAINTAIN ALL EQUIPMENT NECESSARY FOR THE PURPOSE OF SERVING THE LAND AND OTHER PROPERTY, TOGETHER WITH THE RIGHT OF ACCESS TO SAID EQUIPMENT, AND THE PROVISIONS RELATING THERETO CONTAINED IN THE PLAT RECORDED AS DOCUMENT NO. 1419722012, AFFECTING 10 FEET OF THE LAND.

(AFFECTS LOT 1)

32. NOTE APPENDED TO THE PLAT OF NORTHSHORE 770 SUBDIVISION: THERE SHALL BE AT MOST (1) RESTRICTED 3/4 ACCESS ALONG ILLINOIS ROUTE 68 (DUNDEE ROAD) TO LOT 1.

33. TERMS AND PROVISIONS OF THE ORDINANCE 2014-24, RECORDED JULY 17, 2014 AS DOCUMENT 1419845013 RELATING SPECIAL PERMITS FOR SIGNAGE ON THE COMMERCIAL PARCEL.

(AFFECTS LOT 1 AND OTHER PROPERTY)

34. TERMS AND PROVISIONS OF THE ORDINANCE 2014-23, RECORDED JULY 17, 2014 AS DOCUMENT 1419845012 GRANTING FINAL PLAN APPROVAL, YARD, AND SETBACK VARIATIONS.

(AFFECTS LOT 1 AND OTHER PROPERTY)

35. TERMS AND PROVISIONS OF THE CONSTRUCTION EASEMENT AGREEMENT DATED JULY 14, 2014 AND RECORDED JULY 28, 2014 AS DOCUMENT 1420915122 BY AND AMONG MORNINGSIDE CROSSROADS RETAIL, LLC (RETAIL DEVELOPER), MORNINGSIDE CROSSROADS RESIDENTIAL, LLC, DIV NORTH SHORE 770 MEZZ LOAN, LLC, ASSOCIATED BANK, NATIONAL ASSOCIATION (GRANTEES) AND THE PRIVATEBANK AND TRUST COMPANY RELATING TO A TEMPORARY, NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS ON, OVER, UPON AND UNDER THE RETAIL PARCEL FOR THE PURPOSE OF PERFORMING ALL OR ANY PORTION OF THE RDA WORK AND INSPECTION OF THE RDA WORK.

NOTES:

REGARDING SCHEDULE A:

PARCEL 1:

THIS SURVEY IS OF PART LOT 1 IN NORTHSHORE 770 SUBDIVISION, RECORDED JULY 16, 2014 AS DOCUMENT NUMBER 1419722012. SHOWN HEREON.

PARCEL 2:

NON-EXCLUSIVE EASEMENTS FOR THE BENEFIT OF PARCEL 1 FOR INGRESS, EGRESS, PER OPERATION AND RECIPROCAL EASEMENT AGREEMENT RECORDED AS DOCUMENT NUMBER 1420222017. BLANKET IN NATURE ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

REGARDING SCHEDULE B:

SCHEDULE B EXCEPTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 19, 22, 36, 37, 38 AND 39 ARE NOT SURVEY RELATED AND THEREFORE NOT SHOWN.

13. 5 FOOT COMMONWEALTH EDISON COMPANY AND ILLINOIS BELL TELEPHONE COMPANY EASEMENT, PER GRANT RECORDED AS DOCUMENT NO. 21287063, ON THE SURVEYED PROPERTY, SHOWN HEREON.

14. 50 EASEMENT, PER DEED RECORDED JUNE 7, 1965 AS DOCUMENT 19488631 GRANTED TO COMMONWEALTH EDISON COMPANY, ON THE SURVEYED PROPERTY, SHOWN HEREON.

15. EASEMENT FOR UTILITIES AS SHOWN ON PLAT OF LANE PARK SUBDIVISION RECORDED JULY 15, 1976 AS DOCUMENT 23560771, NOT ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

16. 50 FOOT BUILDING LINE AS SHOWN ON PLAT OF LANE PARK SUBDIVISION, NOT ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

17. OBSERVED ELECTRICAL DISTRIBUTION EQUIPMENT, OVERHEAD WIRES AND WOOD SERVICE POLES, LOCATED ON LOT 4 IN LANE PARK SUBDIVISION, ON THE SURVEYED PROPERTY, SHOWN HEREON.

18. GAS LINE MARKINGS ON THE SURVEYED PROPERTY, SHOWN HEREON.

20. ENVIRONMENTAL 'NO FURTHER REMEDIATION LETTER' RECORDED NOVEMBER 2, 1999 AS DOCUMENT NUMBER 09029806, STATING THE LAND IS BE USED FOR INDUSTRIAL/COMMERCIAL ONLY, INCLUDES THE SURVEYED PROPERTY. BLANKET IN NATURE. NOT PLOTTABLE.

21. TERMS, PROVISIONS, AND CONDITIONS RELATING TO THE EASEMENT DESCRIBED AS PARCEL 2, THE OPERATION AND RECIPROCAL EASEMENT AGREEMENT RECORDED AS DOCUMENT NUMBER 1420222017, CONTAINS NON-EXCLUSIVE EASEMENTS FOR THE BENEFIT OF PARCEL 1 AND THE ADJOINING OWNERS FOR INGRESS, EGRESS. BLANKET IN NATURE ON THE SURVEYED PROPERTY. NOT PLOTTABLE.

23. EASEMENTS ON THE SURVEYED PROPERTY AND THE SHOPPING CENTER PARCELS, CONTAINED IN THE OPERATION AND RECIPROCAL EASEMENT AGREEMENT RECORDED JULY 21, 2014 AS DOCUMENT 1420222017, INCLUDES SHARED NON-EXCLUSIVE COMMON AREA, INGRESS/EGRESS, PARKING, UTILITY, STORM DRAINAGE AND SIGN EASEMENTS. BLANKET IN NATURE. NOT PLOTTABLE.

24. THE SURVEYED PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD AREA "X" AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. MAP NUMBER 17031C0093J, HAVING A REVISED DATE OF AUGUST 19, 2008.

25. EASEMENT FOR STORM WATER DETENTION AREA, PER THE PLAT OF SUBDIVISION DOCUMENT 1419722012, ON THE SURVEYED PROPERTY, SHOWN HEREON.

26. PUBLIC UTILITY AND DRAINAGE EASEMENTS, PER PLAT DOCUMENT NO. 1419722012, NOT ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

27. UTILITY AND ACCESS EASEMENT FOR UNDERGROUND STORM WATER DETENTION, PER PLAT RECORDED AS DOCUMENT NO.1419722012. ON THE SURVEYED PROPERTY, SHOWN HEREON.

28. UTILITY AND ACCESS EASEMENT, PER PLAT RECORDED AS DOCUMENT NO. 1419872012, ON THE SURVEYED PROPERTY, SHOWN HEREON.

29. UTILITY AND ACCESS EASEMENT FOR UNDERGROUND STORM WATER DETENTION, PER PLAT RECORDED AS DOCUMENT NO. 1419722012. ON THE SURVEYED PROPERTY, SHOWN HEREON. (REPEAT OF # 27)

30. STORM SEWER AND DRAINAGE EASEMENT, PER PLAT RECORDED AS DOCUMENT NO. 1419722012, ON THE SURVEYED PROPERTY, SHOWN HEREON.

31. COMMONWEALTH EDISON EASEMENT, PER THE PLAT RECORDED AS DOCUMENT NO. 1419722012, ON THE SURVEYED PROPERTY, SHOWN HEREON.

32. ACCESS ALONG ILLINOIS ROUTE 68 (DUNDEE ROAD) ON THE SURVEYED PROPERTY, SHOWN HEREON.

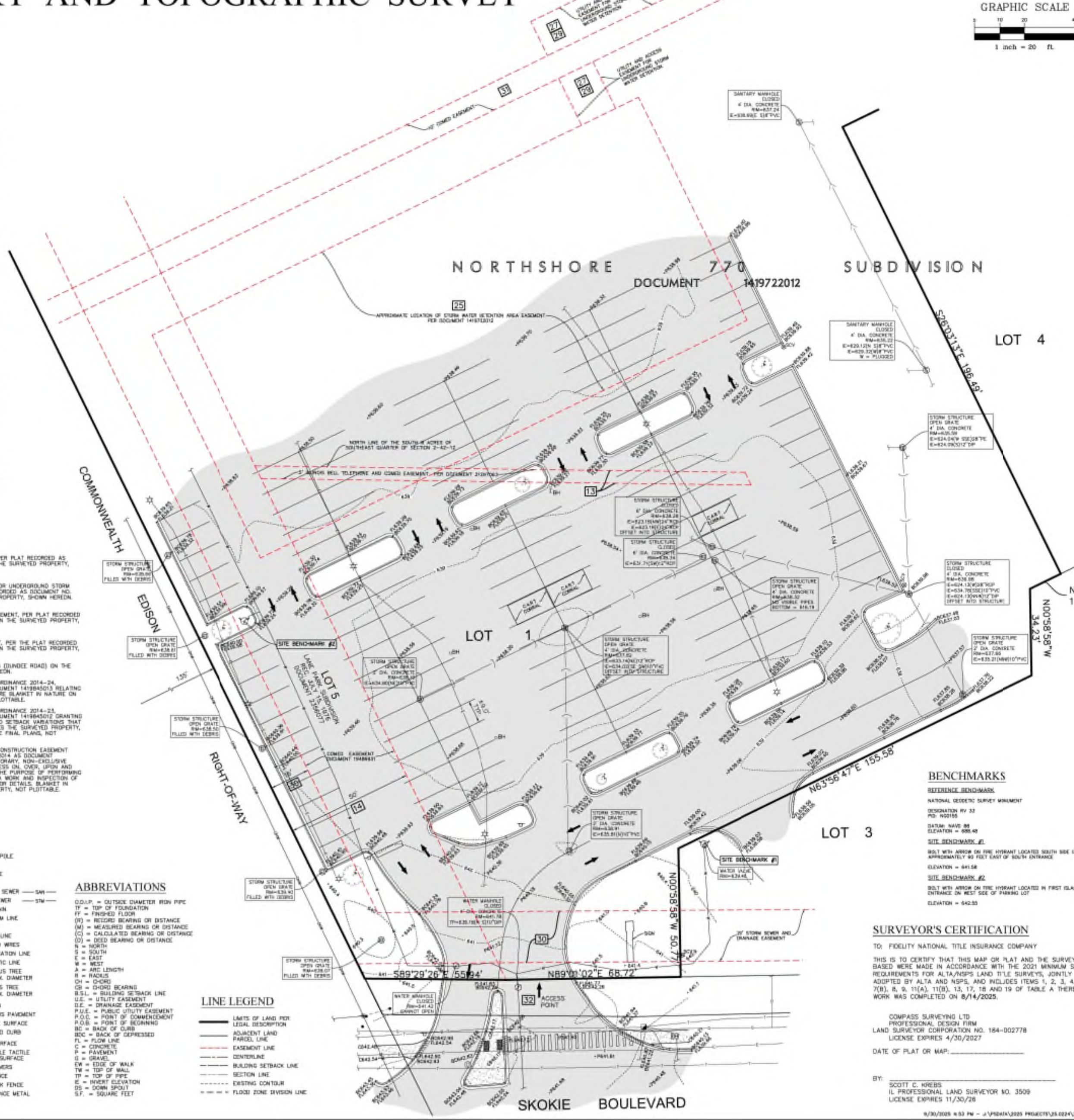
33. TERMS AND PROVISIONS OF THE ORDINANCE 2014-24, RECORDED JULY 17, 2014 AS DOCUMENT 1419845013 RELATING SPECIAL PERMITS FOR SIGNAGE, ARE BLANKET IN NATURE ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

34. TERMS AND PROVISIONS OF THE ORDINANCE 2014-23, RECORDED JULY 17, 2014 AS DOCUMENT 1419845012 GRANTING FINAL PLAN APPROVAL, YARD, AND SETBACK VARIATIONS THAT REQUIRE INTERPRETATION. INCLUDES THE SURVEYED PROPERTY, DOCUMENT DOES NOT INCLUDE THE FINAL PLANS, NOT PLOTTABLE.

35. TERMS AND PROVISIONS OF THE CONSTRUCTION EASEMENT AGREEMENT RECORDED JULY 28, 2014 AS DOCUMENT 1420915122, RELATING TO A TEMPORARY, NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS ON, OVER, UPON AND UNDER THE RETAIL PARCEL FOR THE PURPOSE OF PERFORMING ALL OR ANY PORTION OF THE RDA WORK AND INSPECTION OF THE RDA WORK. SEE DOCUMENT FOR DETAILS. BLANKET IN NATURE ON THE SURVEYED PROPERTY, NOT PLOTTABLE.

GENERAL NOTES

1. THIS SURVEY IS BASED ON PART OF THE LEGAL DESCRIPTION AND EASEMENTS OF RECORD AS IDENTIFIED IN TITLE COMMITMENT NUMBER FCH25008650 ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY HAVING AN EFFECTIVE DATE OF JULY 29, 2025.
2. THE BASIS OF BEARINGS FOR THIS SURVEY IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), ZONE 1201 (ILLINOIS EAST).
3. THIS SITE FALLS WITHIN "OTHER AREAS – ZONE X"NO SCREEN (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AS DEFINED BY THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 170132 0093 J, MAP NUMBER 17031C0093J, HAVING A REVISED DATE OF AUGUST 19, 2008.
4. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR TOPOGRAPHIC SURVEYS, AND IS BASED ON FIELD WORK PERFORMED ON 8/14/2025.
5. THE SURVEYOR CONTACTED J.U.L.I.E. (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) FOR AN ON-SITE LOCATE WHICH WAS ASSIGNED A DIG NUMBER OF A252243533. THE UTILITIES AS MARKED ON-SITE AT THE TIME OF THE SURVEY ARE SHOWN HEREON. ADDITIONALLY, THE SURVEYOR CONTACTED J.U.L.I.E. FOR A DESIGN STAGE REQUEST FOR THIS SITE WHICH WAS ASSIGNED A DIG NUMBER OF A252225486. INQUIRIES WERE SENT OUT TO THE VARIOUS UTILITY COMPANIES REQUESTING MAPS AND/OR ATLASES OF THEIR RESPECTIVE FACILITIES. THE INFORMATION RECEIVED TO DATE IS SHOWN HEREON. ALSO, PRIOR TO FIELD WORK ON THIS SITE, THE UNDERGROUND DETECTIVE PROVIDED UTILITY LOCATING SERVICES ON SITE AND THE INFORMATION OBTAINED BY THE SURVEYOR FROM THESE MARKS ARE SHOWN HEREON.
6. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM OBSERVED FIELD EVIDENCE AND EXISTING DRAWINGS, MAPS AND RECORDS SUPPLIED TO SURVEYOR AND MARKINGS PROVIDED BY A THIRD-PARTY. DUE TO THE UNCERTAINTY AND LIMITATIONS INHERENT TO LOCATING UNDERGROUND UTILITY FACILITIES FOR NON-CONSTRUCTION PURPOSES INCLUDING THOSE THAT ARE PLASTIC, NON-CONDUCTIVE, OR OTHERWISE UNABLE TO BE LOCATED, THERE MAY BE BURIED UTILITIES WITHIN THE SURVEY AREA THAT ARE NOT DETECTED. THE SURVEY SHOWS OBSERVED INDICATIONS OF UTILITIES BASED ON THIRD-PARTY UTILITY MARKS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM AVAILABLE INFORMATION. THE SURVEYOR HAS PHYSICALLY LOCATED OBSERVED STRUCTURES AND MARKINGS, HOWEVER, HE HAS NOT PHYSICALLY LOCATED THE UNDERGROUND LINES.
7. TABLE A ITEM 6(B): A ZONING REPORT OR LETTER WAS NOT PROVIDED TO THE SURVEYOR.
8. TABLE A ITEM 13: ADJOINING OWNER INFORMATION SHOWN HEREON IS FROM AVAILABLE TAX RECORDS.
9. TABLE A ITEM 17: NO PROPOSED CHANGES IN STREET RIGHT OF WAY LINES BASED ON INFORMATION RECEIVED FROM THE CONTROLLING JURISDICTION AT THE TIME OF THE SURVEY. NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
10. THE SURVEYED PROPERTY IS A PART OF THAT DESCRIBED IN THE TITLE COMMITMENT.



GRAPHIC SCALE

0 10 20 40

1 inch = 20 ft.

LEGEND

- FOUND 7/8" O.D.I.P. UNLESS OTHERWISE NOTED (HELD LOCATION)
- CONCRETE MONUMENT
- CROSS IN CONCRETE
- MANHOLE
- STORM STRUCTURE
- SANITARY MANHOLE
- CLEANOUT
- FLARED END SECTION
- TRANSFORMER PAD
- ELECTRIC MARKER
- UTILITY POLE
- LIGHT
- LIGHT POLE
- VALVE VAULT
- FIRE HYDRANT
- WATER METER
- WATER VALVE BOX
- GAS METER
- GAS VALVE
- GAS MARKER
- DOWN SPOUT
- BORING HOLE
- MONITORING WELL
- GATE POST
- BOLLARD POLE
- SIGN
- FLAG POLE
- MAILBOX
- SANITARY SEWER — SAN —
- STORM SEWER — STM —
- WATER MAIN
- PETROLEUM LINE
- GAS MAIN
- ELECTRIC LINE
- OVERHEAD WIRES
- COMMUNICATION LINE
- FIBER OPTIC LINE
- CONIFEROUS TREE W/APPROX. DIAMETER
- DECIDUOUS TREE W/APPROX. DIAMETER
- ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE SURFACE
- DEPRESSED CURB
- STONE SURFACE
- DETECTABLE TACTILE WARNING SURFACE
- BRICK PAVERS
- WOOD FENCE
- CHAIN LINK FENCE
- METAL FENCE METAL

ABBREVIATIONS

O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
TF = TOP OF FOUNDATION
FF = FINISHED FLOOR
(R) = RECORD BEARING OR DISTANCE
(M) = MEASURED BEARING OR DISTANCE
(C) = CALCULATED BEARING OR DISTANCE
(D) = DEED BEARING OR DISTANCE
N = NORTH
S = SOUTH
E = EAST
W = WEST
A = ARC LENGTH
R = RADIUS
CH = CHORD
CB = CHORD BEARING
B.S.L. = BUILDING SETBACK LINE
U.E. = UTILITY EASEMENT
D.E. = DRAINAGE EASEMENT
P.U.E. = PUBLIC UTILITY EASEMENT
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING
BC = BACK OF CURB
BDC = BACK OF DEPRESSED
FL = FLOW LINE
C = CONCRETE
P = PAVEMENT
G = GRAVEL
EW = EDGE OF WALK
TW = TOP OF WALL
TP = TOP OF PIPE
IE = INVERT ELEVATION
DS = DOWN SPOUT
S.F. = SQUARE FEET

LINE LEGEND

- LIMITS OF LAND PER LEGAL DESCRIPTION
- ADJACENT LAND PARCEL LINE
- EASEMENT LINE
- CENTERLINE
- BUILDING SETBACK LINE
- SECTION LINE
- EXISTING CONTOUR
- FLOOD ZONE DIVISION LINE

BENCHMARKS

REFERENCE BENCHMARK

NATIONAL GEODETIC SURVEY MONUMENT

DESIGNATION RV 32
PID: NG0155

DATUM: NAVD 88
ELEVATION = 688.48

SITE BENCHMARK #1

BOLT WITH ARROW ON FIRE HYDRANT LOCATED SOUTH SIDE OF PARKING LOT APPROXIMATELY 60 FEET EAST OF SOUTH ENTRANCE

ELEVATION = 641.58

SITE BENCHMARK #2

BOLT WITH ARROW ON FIRE HYDRANT LOCATED IN FIRST ISLAND NORTH OF ENTRANCE ON WEST SIDE OF PARKING LOT

ELEVATION = 642.55

SURVEYOR'S CERTIFICATION

TO: FIDELITY NATIONAL TITLE INSURANCE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(B), 7(A), 7(B), 8, 9, 11(A), 11(B), 13, 17, 18 AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON **8/14/2025**.

COMPASS SURVEYING LTD
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/2027

DATE OF PLAT OR MAP: ____________

BY: ______________________________
SCOTT C. KREBS
IL PROFESSIONAL LAND SURVEYOR NO. 3509
LICENSE EXPIRES 11/30/26

9/30/2025 4:53 PM – J:\PSDATA\2025 PROJECTS\25.0224\25.0224 BNDY TOPO.DWG

DATE: 8/19/25	PC CS	DRAWN BY MRA	CHECKED BY SK	BOOK 713 PG 22-24
NO.	REVISIONS		DATE	BY

CLIENT

SEVAN MULTI-SITE SOLUTIONS
3025 HIGHLAND PARKWAY, SUITE 850
DOWNERS GROVE, IL

PROJECT

MARIANO'S M533
784 SKOKIE BLVD.
NORTHBROOK, IL

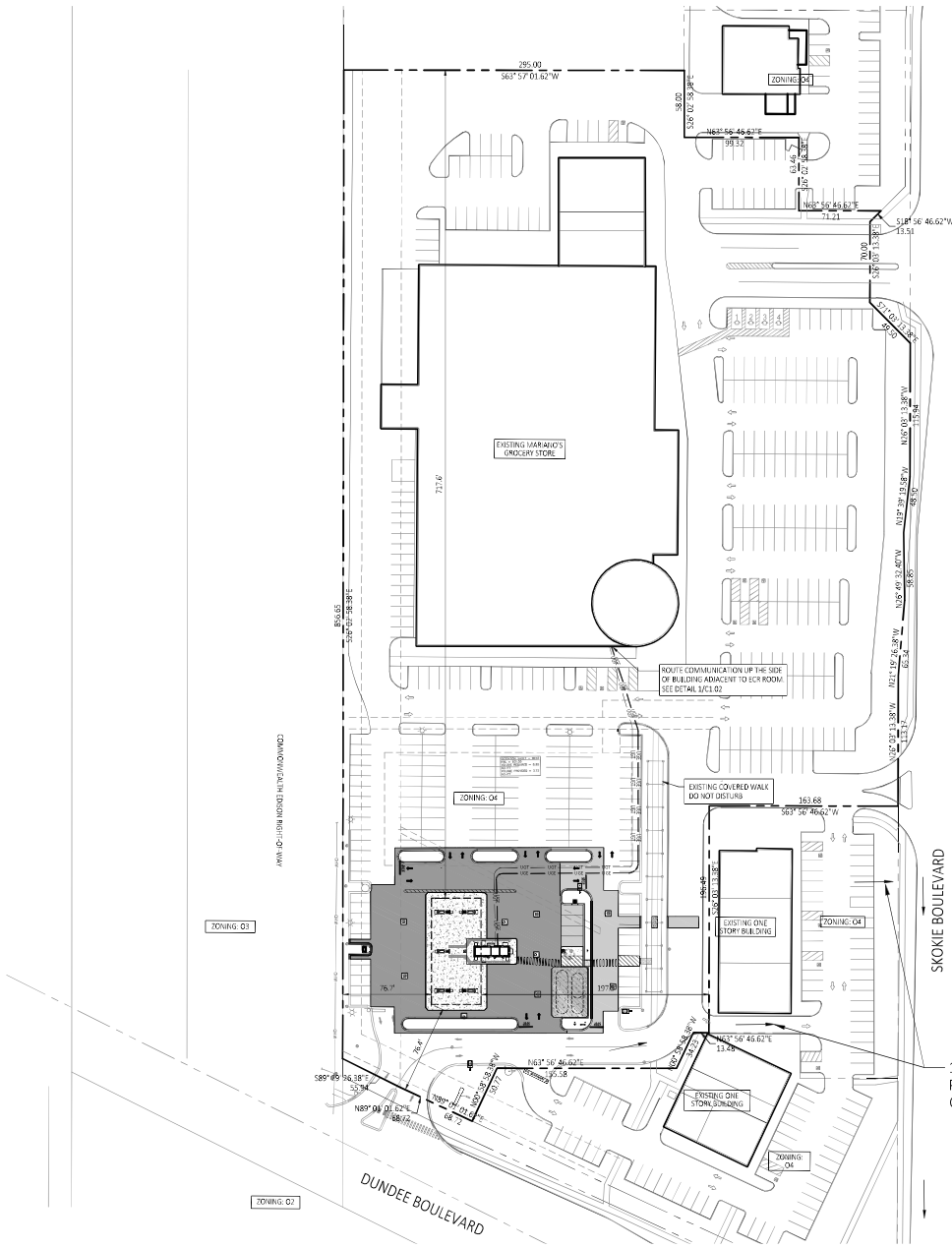
COMPASS SURVEYING LTD
ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
2631 GINGER WOODS PARKWAY, STE. 100
AURORA, IL 60502
PHONE: (630) 820-9100 FAX: (630) 820-7030 EMAIL: ADMIN@CLSURVEYING.COM

SCALE: 1" = 20'

1 OF 1

PROJ. NO.: 25.0224

J:\Psdata\2025 Projects\25.0224\25.0224 BNDY TOPO.dwg, 9/30/2025 4:53:41 PM



COMPOSITE SITE PLAN
SCALE: 1" = 50'-0"

0 50' 100'

CONDUITS FOR FUEL CENTER
1 / C1.02
SCALE: NOT TO SCALE

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Downers Grove, IL 60515
info@sevan.com www.sevan.com

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LICENSED PROFESSIONAL ENGINEER
TIMOTHY B KRATZ
062.068956
STATE OF ILLINOIS

02/18/2026

REVISIONS

REV.	DATE	DESCRIPTION
0	11.03.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

COMPOSITE SITE PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.03.2025
DRAWN BY:	HS
CHECKED BY:	MV
PROJ. MGR:	BS

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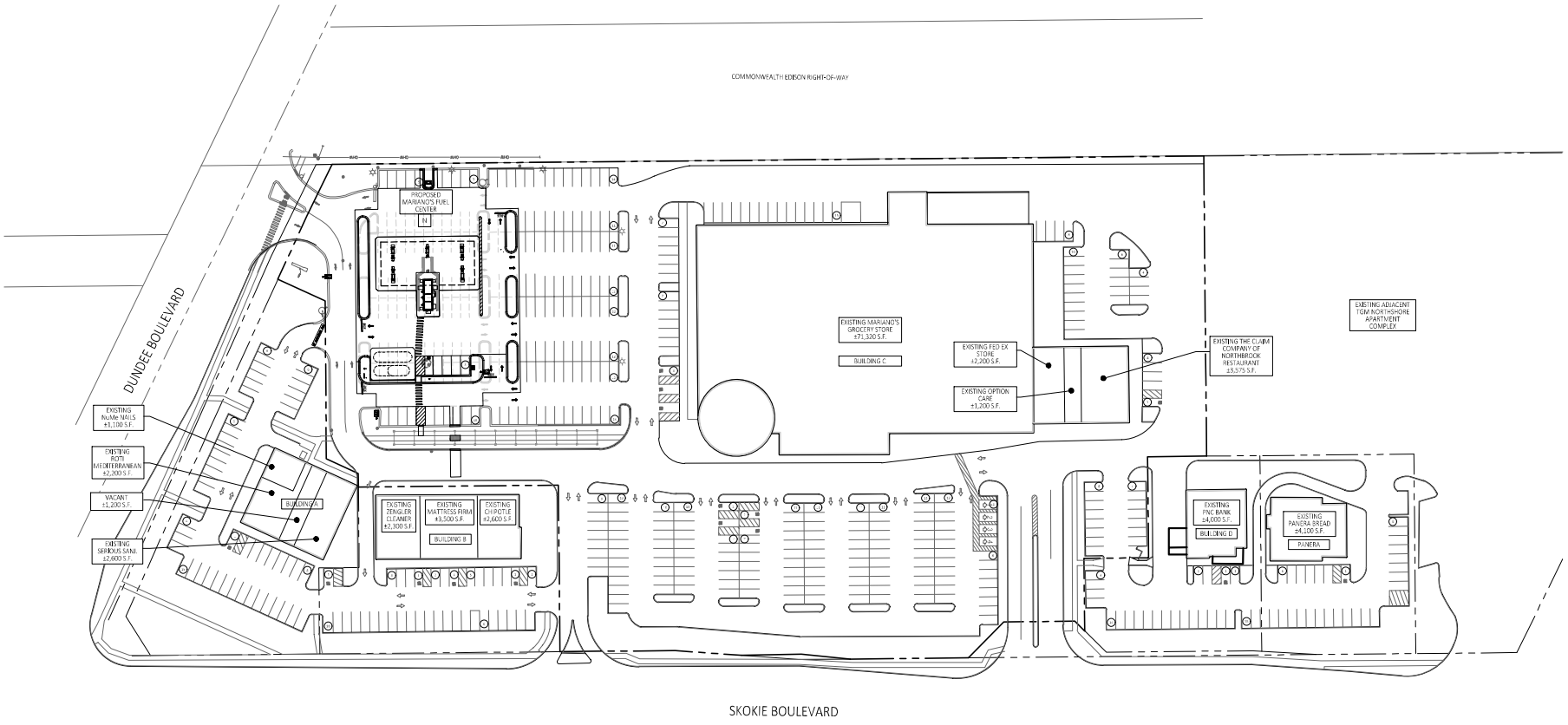
SHEET NUMBER

C1.02

NS770-COMMERCIAL PARKING CALCULATION					
ADDRESS	TENANT	TYPE	BUILDING AREA: (SQUARE FEET)	NBK CODE	TOTAL
BUILDING A	SERIOUS SANUASIAN CUISINE & BUBBLE TEA	RESTAURANT	±2,600	1 SPACE / 150 SF	17.33
	VACANT	RETAIL	±1,200	1 SPACE / 250 SF	4.8
	ROTI MEDITERRANEAN	RESTAURANT	±2,200	1 SPACE / 150 SF	14.66
	NUME NAILS	SALON-PERSONAL SERVICE	±1,100	1 SPACE / 150 SF	4.4
BUILDING B	CHIPOTLE	RESTAURANT	±2,600	1 SPACE/150 SF	17.33
	MATTRESS FIRM	RETAIL	±3,500	1 SPACE/250 SF	14
	ZENGLER CLEANERS	PERSONAL SERVICE	±2,300	1 SPACE/250 SF	9.2
BUILDING C	EXISTING THE CLAIM COMPANY OF NORTHBROOK RESTAURANT	RESTAURANT	±3,575	1 SPACE/150 SF	23.82
	OPTION CARE	MEDICAL CLINIC	±1,200	1 SPACE/250 SF	4.8
	FED EX STORE	RETAIL	±2,200	1 SPACE/250 SF	8.8
	MARIANO'S GROCERY STORE	RETAIL	±71,320	1 SPACE/250 SF	285.28
BUILDING D	PNC BANK	BANK	±4,000	1 SPACE/250 SF	16
BUILDING E	PANERA BREAD	RESTAURANT	±4,100	1 SPACE/150 SF	27.33
	TOTAL BUILDING AREA		101,895 S.F.		
BUILDING F	MARIANO'S FUEL CENTER	FUEL SALES	±298	1 SPACE/250 SF	1.19
			102,193 S.F.		449

COMMERCIAL DEVELOPMENT			
SHOPPING CENTER PARKING CHART	ACTUAL BUILDING AREA		
TOTAL COMMERCIAL BUILDING SQUARE FOOTAGE	102,193 S.F.	RETAIL A:	7,100 S.F.
		RETAIL B:	8,400 S.F.
		RETAIL C:	71,320 S.F.
		RETAIL D:	6,975 S.F.
		RETAIL E:	4,000 S.F.
		PANERA	4,100 S.F.
		FUEL CENTER	298 S.F.
		TOTAL GLA:	102,193 S.F.
REQUIRED PARKING SPACES	449		
ACTUAL TOTAL PARKING: INCLUDING IN COUNT (15 ADA SPACES)	562 SPACES		
SPACES LOST TO FUEL CENTER	91 SPACES		
NEW TOTAL PARKING: INCLUDING (16 ADA SPACES)	471 SPACES		
ADA SPACES REQUIRED PER ILLINOIS ACCESSIBILITY CODE	9 SPACES		
ADA SPACES PROVIDED	16 SPACES		



COMPOSITE SITE PARKING PLAN

SCALE: 1" = 50'-0"

0 50' 100'

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REVISIONS

REV.	DATE	DESCRIPTION
1	01.13.2026	MT1 PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

COMPOSITE SITE PARKING PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	14519
ISSUED DATE:	11.03.2025
DRAWN BY:	KB
CHECKED BY:	MV
PROJ. MGR:	JG

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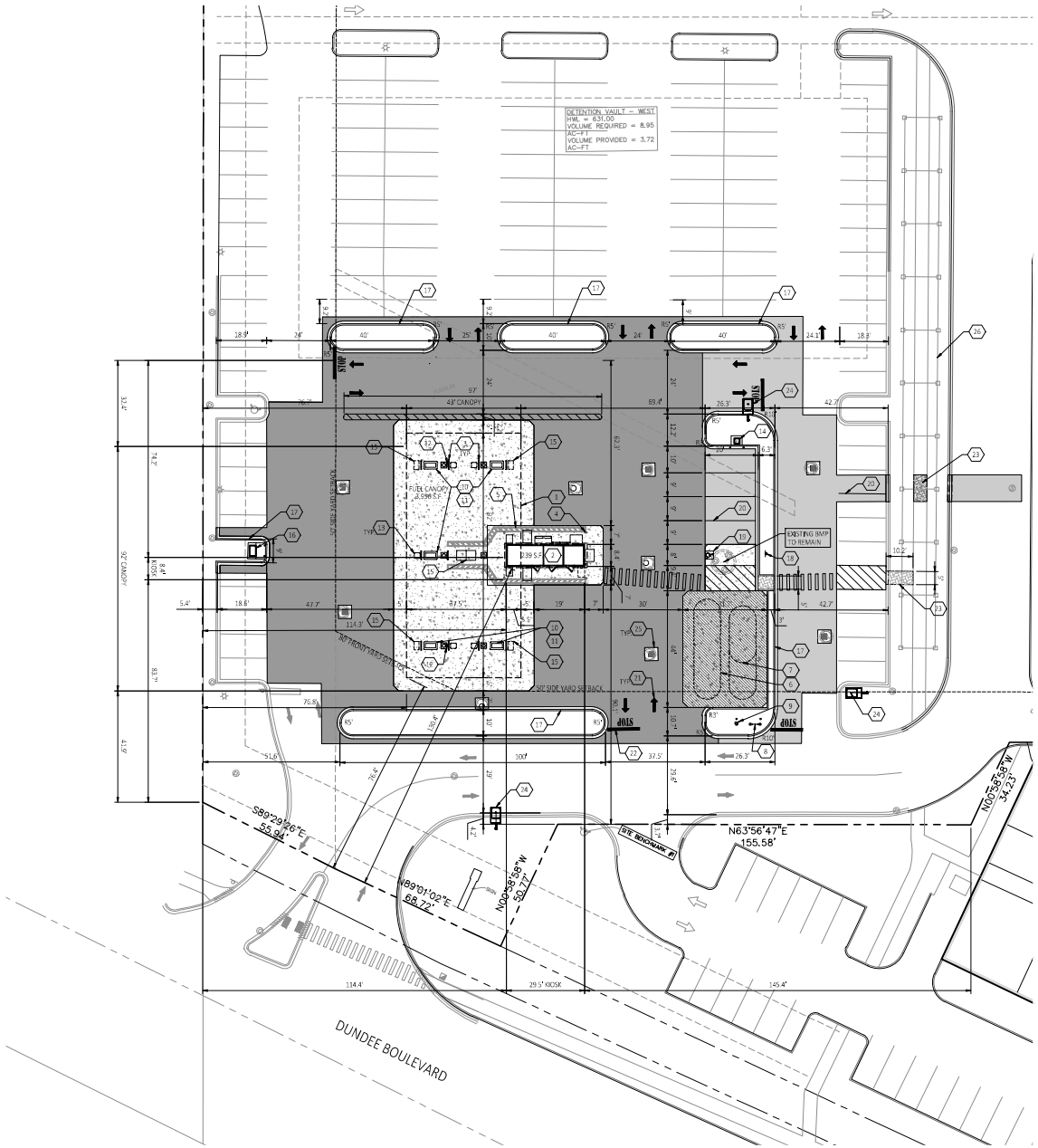
SHEET NUMBER

C1.03

PLOT: Z:\Drawn\Client Work\Mariano's_Razzmo Inc\Design\01-14519-Northbrook, IL\14519-Northbrook, IL\14519-Northbrook, IL.dwg
PLOTTED ON: Wednesday, February 18, 2026 at 10:39:47 AM by Matthew Vallejo



SITE DIMENSION PLAN

SCALE: 1" = 20'-0"

0 20' 40'

GENERAL SITE NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL VERIFY SITE CONDITIONS AND DIMENSIONS BEFORE BEGINNING WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. CONTRACTOR SHALL REFER TO SURVEY FOR ALL INFORMATION REGARDING EXISTING CONDITIONS.
4. ALL WORK THAT OCCURS WITHIN THE PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS AND STANDARDS.
5. SITE GEOMETRY IS PARALLEL AND PERPENDICULAR TO THE EAST PROPERTY LINE.
6. ALL RADII ARE 3' UNLESS NOTED OTHERWISE.

(X) PROPOSED SITE IMPROVEMENTS

1 DISPENSER CANOPY, COLUMNS, AND FOOTINGS.
2 TRANSACTION KIOSK.
3 U-SHAPED BOLLARD AT CANOPY COLUMNS.
4 KIOSK BOLLARD.
5 PEDESTRIAN STRIPING.
6 20,000 GALLON DOUBLE-WALL UNDERGROUND STORAGE TANK (UNLEADED).
7 18,000 GALLON DOUBLE-WALL SPLIT UNDERGROUND STORAGE TANK 8,000 GALLONS PREMIUM/10,000 GALLONS DIESEL.
8 TANK VENT RISER.
9 TANK OVERFLOW ALARM.
10 3.00' X 5.00' DISPENSER ISLAND.
11 AUTOMOBILE MULTI-PRODUCT DISPENSER WITH CARD READER.
12 FIRE EXTINGUISHER IN STEEL CABINET.
13 WASTE RECEPTACLE / WINDSHIELD SERVICE CENTER.
14 AIR TOWER.
15 OUTDOOR SALES.
16 PROPANE BOTTLE CAGE.
17 CONCRETE CURB AND GUTTER.
18 ACCESSIBLE RESERVED PARKING SIGN AS REQUIRED BY FEDERAL, STATE OR LOCAL CODE.
19 VAN ACCESSIBLE PARKING SPACE WITH PAINTED ACCESSIBILITY SPACE SYMBOL AS REQUIRED BY FEDERAL, STATE OR LOCAL CODE.
20 4" PAINTED PARKING STRIPE
21 PAINTED DIRECTIONAL TRAFFIC ARROWS. COLOR TO MATCH PARKING STRIPING.
22 STOP BAR AND TEXT. SEE DETAIL 4/C5.01.
23 CONCRETE SIDEWALK. VERIFY SIDEWALK THICKNESS WITH ADJACENT
24 LIGHT POLE AND FOUNDATION. SEE PHOTOMETRIC SITE PLAN. SEE DETAIL 7/C5.02.
25 CONCRETE COLLAR. SEE DETAIL 7/C5.01.
26 EXISTING COVERED WALK TO REMAIN.

PAVING LEGEND:

- HEAVY DUTY ASPHALT PAVEMENT SEE DETAIL 3/ C5.01
- LIGHT DUTY ASPHALT PAVEMENT SEE DETAIL 2/ C5.01
- CONCRETE PAVEMENT TANK MAT
- CONCRETE SIDEWALK SEE DETAIL 6/ C5.01
- CONCRETE PAVEMENT DISPENSER MAT
- CONCRETE CURB AND GUTTER SEE CITY OF NORTHBROOK DETAIL, SHEET 5.03

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REVISIONS

REV.	DATE	DESCRIPTION
0	11.03.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.15.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

SITE DIMENSION PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.03.2025
DRAWN BY:	KB
CHECKED BY:	MV
PROJ. MGR:	JB

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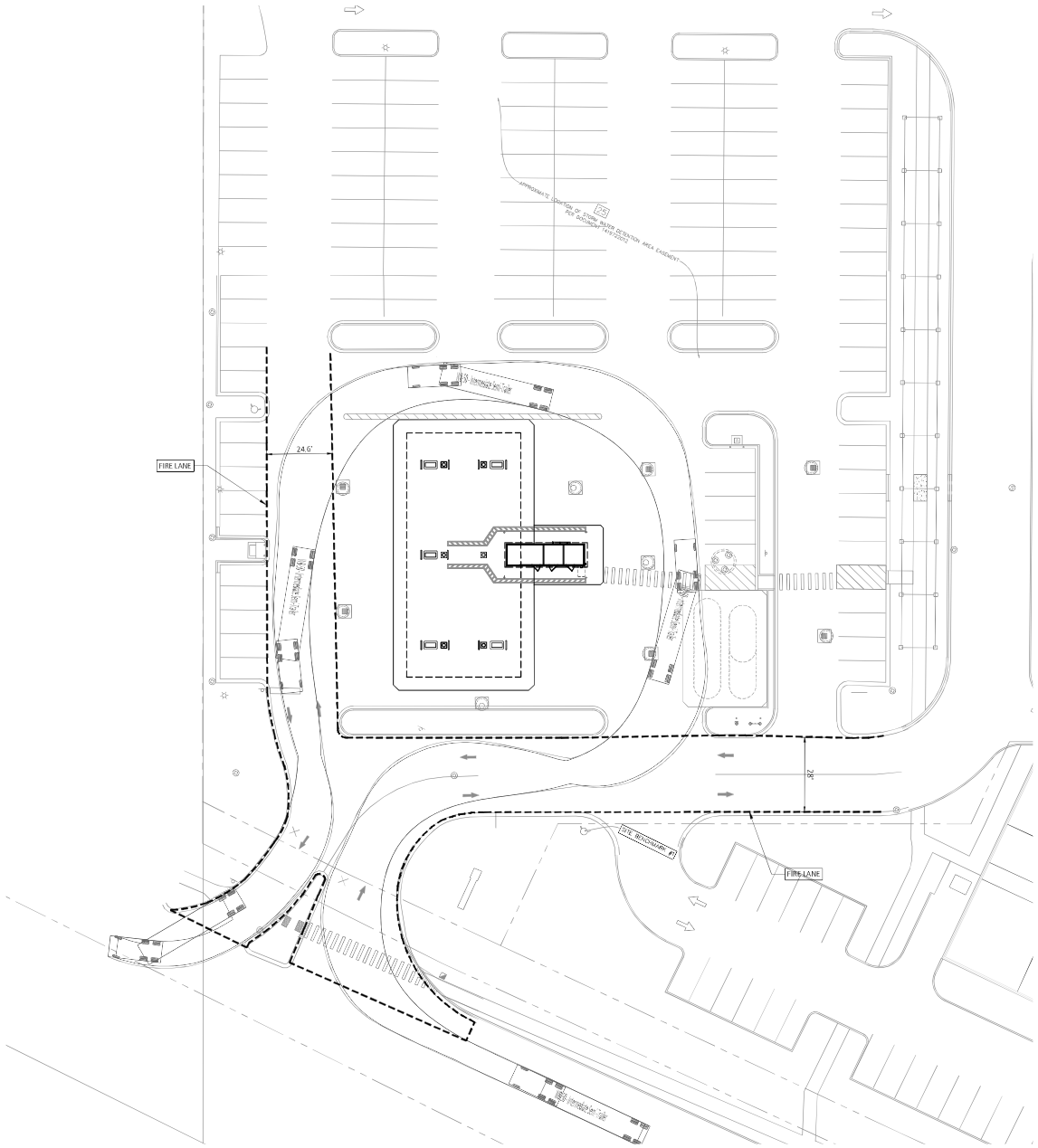
SHEET NUMBER

C1.20

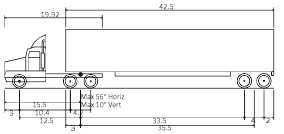
PLOT: Z:\Sevan\Client Files\Mariano's - Buisness Units\Design\2025 Jobs\3 Northbrook, IL\Cad\Sheets\C1.20.dwg
PLOT DATE: 2/18/2026 11:48:46 AM
PLOTTED BY: Matthew Vallejo



TRUCK TURN PLAN

SCALE: 1" = 20'-0"

0 20' 40'



WB-50 - Intermediate Semi-Trailer

Overall Length	55.000ft
Overall Width	8.500ft
Overall Body Height	12.052ft
Min Body Ground Clearance	1.334ft
Max Track Width	8.500ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	45.000ft

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LICENSED PROFESSIONAL ENGINEER
TIMOTHY B KRATZ
062-068956
OF ILLINOIS

02/18/2026

REVISIONS

REV.	DATE	DESCRIPTION
0	11.03.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

TRUCK TURN PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.03.2025
DRAWN BY:	HS
CHECKED BY:	MV
PROJ. MGR:	BS

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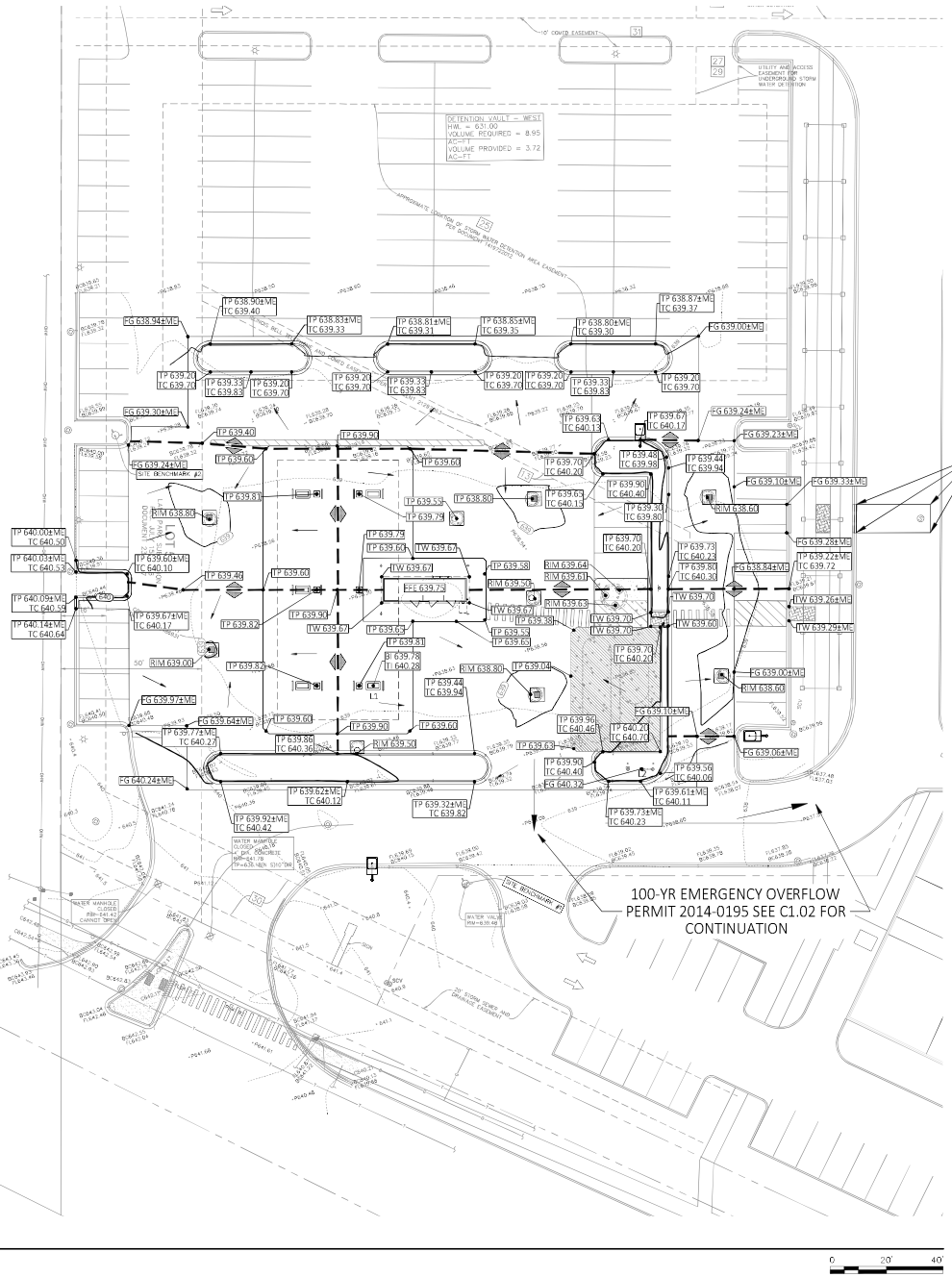
SHEET NUMBER

C1.21

PLOT: Z:\Sevan\Client Files\Mariano's - Razzmo Inc\Design\01-60\53 Northbrook, IL\CAD\Sheets\C1.21.dwg
PLOT DATE: 2/18/2026 8:46:39 AM by Matthew Vallejo



GRADING PLAN

SCALE: 1" = 20'-0"

0 20' 40'

GRADING NOTES:

1. VERIFY REQUIRED SPOT ELEVATIONS/GRADING IN THE VICINITY OF THE BUILDING WITH THE ARCHITECTURAL PLANS AND STORE OCS SCOPE OF WORK.

3. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE DRAWINGS AND PROJECT MANUAL, AND WITH LOCAL JURISDICTIONAL AUTHORITY STANDARDS AND SPECIFICATIONS.

4. ALL PROPOSED SPOT ELEVATIONS IN PAVED AREAS ARE TO TOP OF PAVEMENT UNLESS NOTED OTHERWISE.

5. THE PROJECT SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES, ENSURING NO AREAS OF STANDING WATER.

6. THE GENERAL CONTRACTOR SHALL, AT HIS OR HER EXPENSE, RESTORE ANY AND ALL STRUCTURES, PIPE, UTILITY, PAVEMENT, CURB, SIDEWALK, LANDSCAPED AREA, ETC. DISTURBED WITHIN THE SITE AND/OR ADJOINING PROPERTIES DURING DEMOLITION OR CONSTRUCTION. SUCH FACILITIES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE AFFECTED OWNER(S).

7. UNDERDRAINS MAY BE ADDED, IF DETERMINED NECESSARY BY THE GENERAL CONTRACTOR AND AUTHORIZED BY THE OWNER'S REPRESENTATIVE, AFTER SUBGRADE IS ROUGH GRADED.

8. UNLESS OTHERWISE EXPRESSLY INDICATED HEREON, FINISHED GRADES ARE TO MATCH ADJACENT EXISTING GRADES.

9. THE GENERAL CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS. PROTECT EXISTING TREES TO REMAIN WITH TEMPORARY FENCING PLACED AT THE DRIP LINE. NO GROUND DISTURBANCE OR STORAGE OF MATERIAL SHALL OCCUR WITHIN THE DRIP LINE LIMITS, UNLESS HEREON EXPRESSLY INDICATED OTHERWISE.

10. ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS AND MATERIALS OF CONSTRUCTION TO COMPLETE THE CONSTRUCTION PER THE DRAWINGS AND PROJECT MANUAL. ADDITIONALLY, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE OFF-SITE DISPOSAL OF EXCESS OR UNSUITABLE MATERIAL, AS WELL AS THE IMPORTATION OF ANY BORROW MATERIAL NECESSARY TO COMPLETE THE PROJECT.

GRADING LEGEND:

TG	GUTTER GRADE
TC	TOP OF CURB
BW	FINISHED GRADE AT WALL
FG	FINISHED GRADE
FL	DITCH FLOW LINE
PI	PUMP ISLAND BOTTOM
TI	PUMP ISLAND TOP
TP	TOP OF PAVEMENT
RIM	UNDERGROUND STRUCTURE RIM
TW	TOP OF WALK
FFE	FINISHED FLOOR ELEVATION
ME	MATCH EXISTING
2.0%	PROPOSED SLOPE
→	DIRECTION OF OVERLAND FLOW

FUEL TANK ELEVATION COORDINATION CHART

NO.	DESCRIPTION		CLOSEST ISLAND [L1]	TANK VENT [L2]
1	ELEVATION AT TOP OF ISLAND		640.28	640.32
2	PRODUCT PIPE RUN DISTANCE [L]		142	46
2.1	MIN. SLOPE OF PIPING = (L)x1/8" PER FOOT x (1/12)		1.48 FT.	0.48 FT.
3	DISPENSER ISLAND	6"		
	CONCRETE DRIVE SLAB	6"		
	PIPE COVER	8"		
	PIPE DIAMETER	3"		
	TANK CONNECTION	10"		
	TOTAL	33"	2.75	-
3.1	CURB ISLAND	6"		
	PIPE COVER	16"		
	PIPE DIAMETER	2"		
	TANK CONNECTION	6"		
	TOTAL	30"	-	2.50
4	GRADE DIFFERENTIAL = (#2.1 + #3)		4.23 FT.	2.98 FT.
5	TOP OF TANKS = (#1 - #4)		636.05 FT.	637.34 FT.
6	TOP OF TANKS = LOWEST CALCULATED ELEVATION		636.05 FT.	
CHECK MIN./MAX. BURIAL DEPTH				
7	LOWEST ELEVATION OF SLAB ABOVE TANK		639.07	
8	DEPTH OF BURY = (#7 - #6)		3.02 FT.	
NOTE: IF #8 < 4.0 FT., SET TOP OF TANKS = (#7 - 4.0 FT.) IF #8 > 7 FT., CONTACT OWNER FOR CERTIFICATION OF BURIAL DEPTH WITH TANK MANUFACTURER			635.07 FT.	

CANOPY PAD ELEVATION COORDINATION CHART:

TOP OF GRADE AT LOWEST CANOPY COLUMN = 639.75

ELEVATION OF ALL TOP OF FOOTINGS (PER CANOPY DRAWING) = 638.04

1. ELEVATIONS OF TOP-OF-CANOPY-COLUMN-FOOTINGS AT DISPENSER ISLANDS SHALL BE IDENTICAL.
2. TOP OF ALL CANOPY FOOTINGS SHALL BE 1'-8 1/2" LOWER THAN TOP OF GRADE AT THE LOWEST CANOPY COLUMN.
3. THE GENERAL CONTRACTOR SHALL BASE BIDS ON FOOTING ELEVATIONS AS INDICATED. ANY MODIFICATION TO FOOTING ELEVATIONS MUST BE APPROVED BY OWNER'S REPRESENTATIVE IN WRITING.
4. VERIFY ELEVATIONS FOR BUILDING(S), CANOPY, SIGNS AND OTHER STRUCTURE PER DRAWINGS. THE GENERAL CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.

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MARIANO'S

SEAL

I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED UNDER MY DIRECT SUPERVISION AND, THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, COMPLY WITH THE BUILDING CODES AND ORDINANCES OF THE LOCAL MUNICIPALITY.

LICENSED PROFESSIONAL ENGINEER
TIMOTHY B KRATZ
062-068956
STATE OF ILLINOIS

02/18/2026

REVISIONS

REV.	DATE	DESCRIPTION
0	11.05.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS
4	02.18.2026	MWRD COMMENTS

CONSULTANTS

PROJECT INFORMATION

GRADING PLAN

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784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

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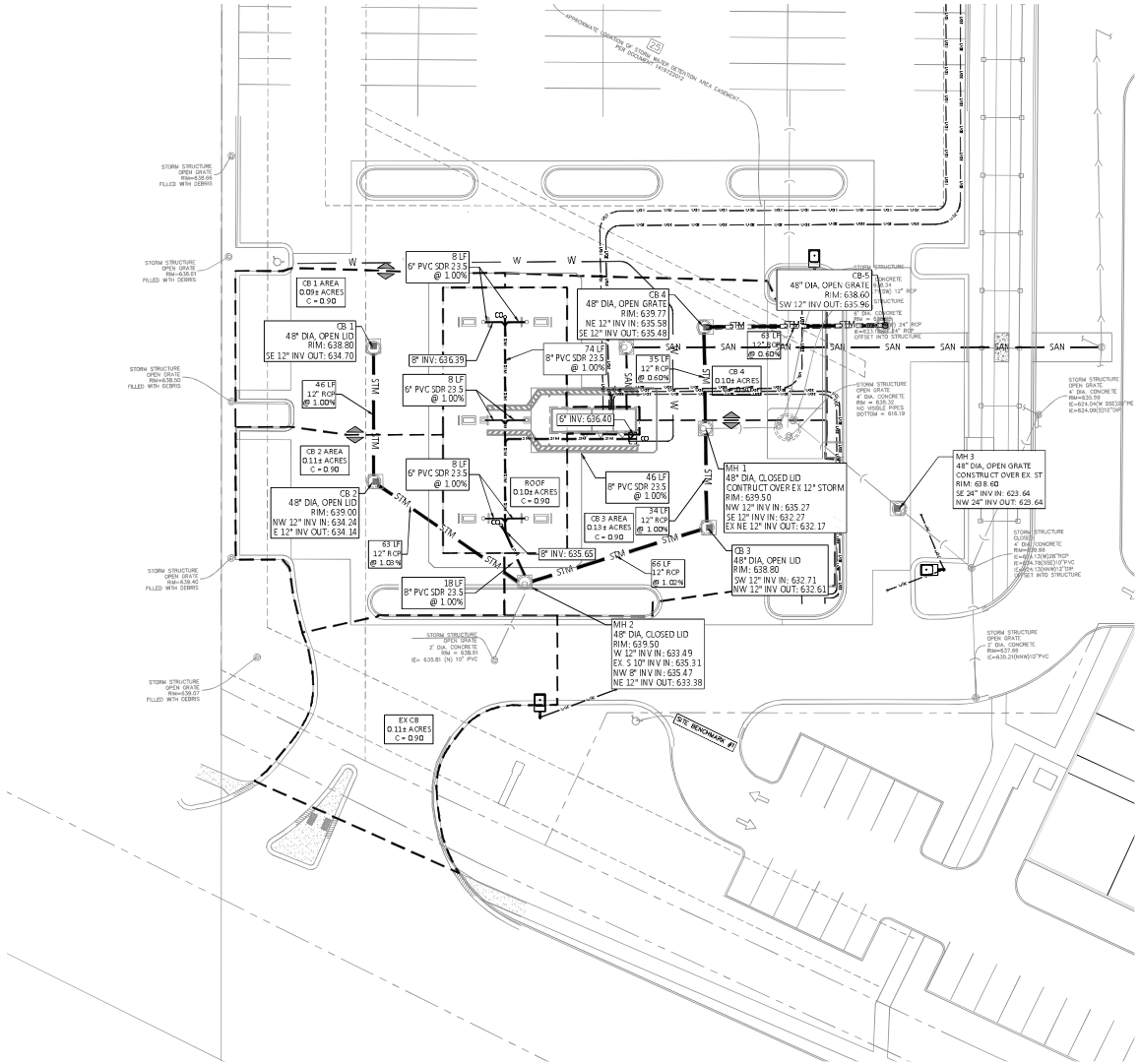
SHEET NUMBER

C1.30

Pipe Location		Tributary Area				Intensity			Runoff	Pipe Design								Profile							
From	To	Area (acre)	C	AC (acre)	SAC (acre)	Inlet Tc (min)	Tc (min)	I (10yr) (in/hr)	Flow (cfs)	Pipe Length (feet)	Pipe Dia. (inch)	Pipe Slope %	Hyd. Slope %	Q_{full} (cfs)	V_{full} (fps)	V_{design} (fps)	Depth of Flow %	Time in Pipe (min)	Rim Elevation	Water Surface Elev Up Stream	Water Surface Elev Down Stream	Water Surface Elev MH Loss	Pipe Invert Elev Up Stream	Pipe Invert Elev Down Stream	Pipe Invert Elev Drop
CB 4	MH 1	0.10	0.9	0.09	0.09	10	10.00	6.48	0.59	35'	12"	1.00%	1.00%	3.56	4.53	3.62	32%	0.16	638.80 TP	636.09	635.74	0.00	635.77	635.42	0.00'
CB 1	CB 2	0.09	0.9	0.08	0.08	10	10.00	6.48	0.54	46'	12"	1.00%	1.00%	3.56	4.53	3.49	30%	0.22	638.80 TP	635.00	634.59	0.00	634.70	634.24	0.10'
CB 2	MH 2	0.11	0.9	0.10	0.18		10.22	6.44	1.15	66'	12"	1.00%	1.00%	3.56	4.53	4.45	45%	0.24	639.00 TP	634.59	634.04	0.00	634.14	633.49	0.10'
MH 2	CB 3	0.21	0.9	0.19	0.37		10.47	6.39	2.37	67'	12"	1.00%	1.00%	3.56	4.53	5.17	65%	0.22	639.00 TP	634.04	633.41	0.00	633.39	632.71	0.10'
CB 3	MH 1	0.13	0.9	0.11	0.48		10.68	6.35	3.07	34'	12"	1.00%	1.00%	3.56	4.53	5.39	79%	0.11	638.80 TP	633.41	633.06	0.00	632.61	632.27	0.10'
MH 1	EXMH	0	0.9	0.00	0.58	10	10.79	6.34	3.65	24'	12"	1.89%	1.89%	4.89	6.23	7.26	71%	0.06	639.50 TP	632.97	632.71	0.00	632.17	631.71	0.00'

STORM PIPE CAPACITY CALCULATIONS - 10 YEAR STORM



STORMWATER MANAGEMENT PLAN

SCALE: 1" = 20'-0"

0 20' 40'

STORM STRUCTURE NOTES:

1. ALL STORM STRUCTURES TO BE INSTALLED IN ACCORDANCE WITH LOCAL STANDARDS AND DETAILS UNLESS NOTED OTHERWISE.
2. PROVIDE INLET FILTERS FOR ALL INLETS. FILTER SHALL BE REGULARLY MAINTAINED AND REMAIN IN PLACE UNTIL FINAL GRADES HAVE BEEN ESTABLISHED.
3. ALL STRUCTURE FRAME AND GRATES TO BE STANDARD UNLESS NOTED OTHERWISE.
4. ALL CATCH BASINS AND INLETS SHALL HAVE UNDERDRAINS INSTALLED, WRAPPED IN GEOTEXTILE AND PLACED IN THE SEWER TRENCH, NOT MORE THAN 3 FEET BELOW THE TOP OF THE CASTING.
5. SEE SHEET C1.40 FOR UTILITY CROSSINGS.
6. REFER TO THE BOUNDARY/TOPOGRAPHIC SURVEY PREPARED BY COMPASS SURVEYING LTD FOR INFORMATION REGARDING EXISTING EASEMENTS.
6. THIS PROJECT AREA IS PART OF THE DRAINAGE PLAN AND REPORT FOR NORTHSHORE 770, MWRD IOC PERMIT #14-195. THE ORIGINAL WATER QUALITY AND QUANTITY DESIGN ACCOUNTED FOR THE DEVELOPMENT OF THE PROJECT AREA. NO ADDITIONAL DETENTION OR TREATMENT IS REQUIRED.

PROPOSED UTILITY LEGEND:

STORM SEWER	STM
ROOF DRAIN	RD
MANHOLE	
CATCH BASIN	
CLEANOUT	CO

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MARIANO'S

SEAL

TIMOTHY B KRATZ
052.008058
02/18/2029

REVISIONS

REV.	DATE	DESCRIPTION
0	11.06.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS
4	02.18.2026	MWRD COMMENTS

CONSULTANTS

PROJECT INFORMATION

STORMWATER MANAGEMENT PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M533
ISSUED DATE:	11.06.2025
DRAWN BY:	HD
CHECKED BY:	MV
PROJ. MGR:	BC

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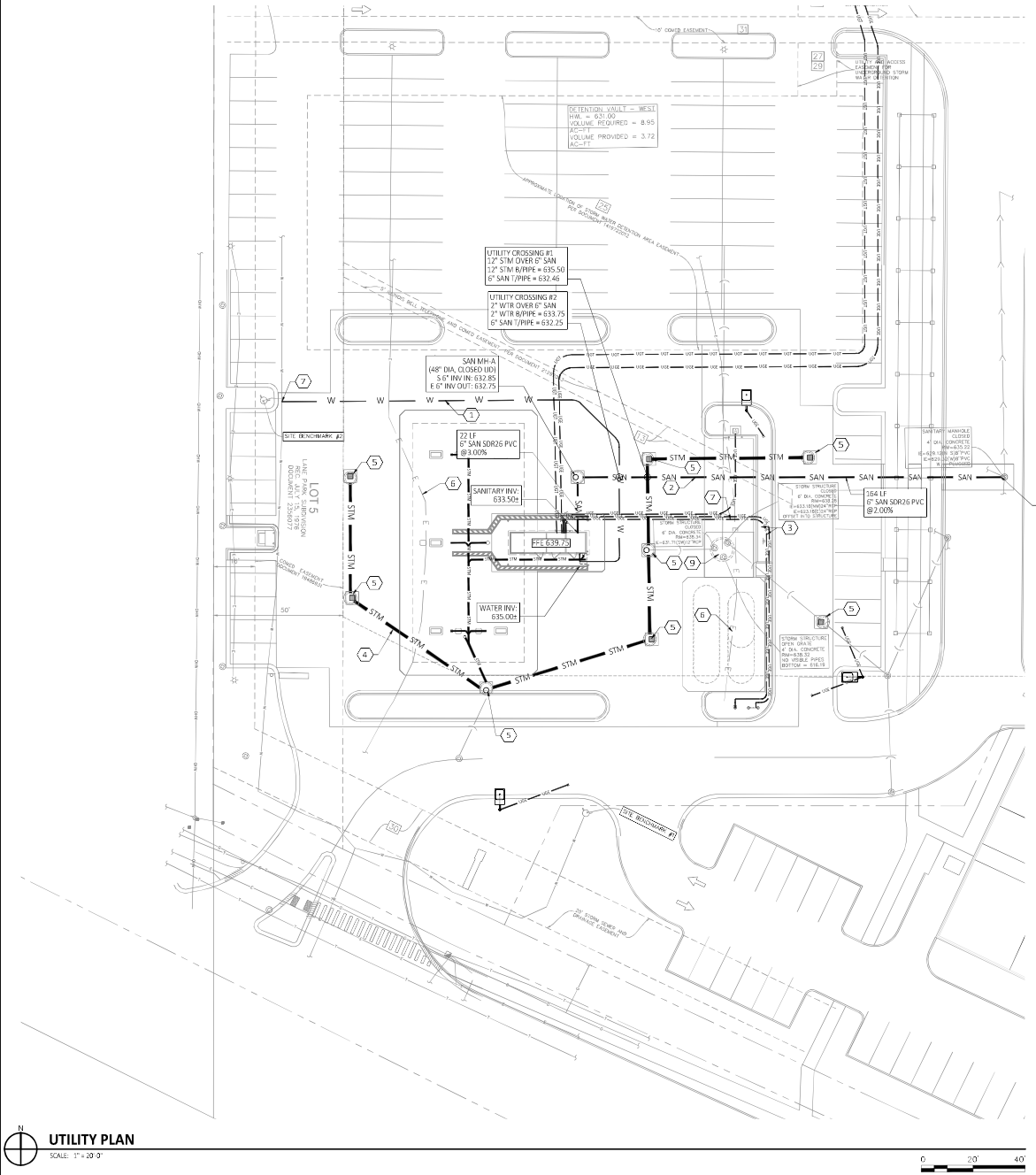
SHEET NUMBER

C1.31



UTILITY PLAN

SCALE: 1" = 20'-0"

0 20' 40'

UTILITY SERVICE NOTE:

THE GENERAL CONTRACTOR (GC) IS RESPONSIBLE FOR ALL SERVICE APPLICATIONS AND FIELD COORDINATION OF UTILITY SERVICES AND FINAL CONNECTION LOCATIONS. THE GC SHALL IMMEDIATELY NOTIFY THE OWNER'S CONSTRUCTION REPRESENTATIVE OF ANY DISCREPANCIES WITH THE PLANS.

(X) PROPOSED SITE IMPROVEMENTS

1. 2" DOMESTIC WATER SERVICE. PIPING TO BE: (COPPER TYPE K OR OWNER APPROVED EQUIVALENT. MINIMUM BURIAL DEPTH TO BE 5.0' BELOW FINISHED GRADE. PROVIDE 18" CLEARANCE AT ALL UTILITY CROSSINGS. CONTRACTOR TO COORDINATE LOCATION OF SANITARY SEWER LATERAL THROUGH FOUNDATION WITH STRUCTURAL DRAWINGS. VERIFY REQUIREMENTS OF LOCAL CODES, UTILITY COMPANIES AND GOVERNING OFFICIALS. INCLUDE IN BASE BID ALL VALVES, PIPING, STRUCTURES, ETC. THAT WILL BE REQUIRED.
2. PROVIDE AND INSTALL 6" PVC SDR-26 SANITARY SERVICE AT MIN. 1% SLOPE WITH CLEAN-OUTS 5.0' OUTSIDE OF FOUNDATION AND AT EVERY HORIZONTAL AND VERTICAL BEND PER CLEAN-OUT DETAIL. COORDINATE LOCATION OF SANITARY SEWER LATERAL THROUGH FOUNDATION WITH STRUCTURAL DRAWINGS. MAINTAIN A MINIMUM OF 10' HORIZONTAL AND 18" VERTICAL SEPARATION FROM WATER. MAKE CONNECTION TO EXISTING SANITARY MAIN PER SERVICE PROVIDER AND OR MUNICIPAL STANDARDS.
3. PROVIDE AND INSTALL TWO (2) 3/4" SCHEDULE 40 PVC CONDUIT FROM FUEL CENTER KIOSK TO TANK VENT.
4. STORM SEWER PIPE. SEE SHEET C1.31.
5. STORM STRUCTURE. SEE SHEET C1.31.
6. RE-ROUTE OR ABANDON EXISTING ELECTRICAL LINE
7. CONNECT TO EXISTING WATER MAIN ACCORDING TO CITY OF NORTHBROOK STANDARDS AND SPECIFICATIONS
8. PROVIDE AND INSTALL ONE (1) 3/4" SCHEDULE 40 PVC CONDUIT FROM FUEL CENTER KIOSK TO AIR COMPRESSOR FOR 120V POWER.
9. EXISTING BMP STRUCTURE. SEE PERMIT 2014-0165 PG 385 FOR DETAILS.

PROPOSED UTILITY LEGEND:

STORM SEWER	STM — STM
ROOF DRAIN	STM — STM — STM — STM
SANITARY SEWER	SAN — SAN
WATER MAIN/SERVICE	W — W
ELECTRIC SERVICE	UGE — UGE
TELEPHONE SERVICE	UGT — UGT
MANHOLE	
CATCH BASIN	
CLEANOUT	
SANITARY MANHOLE	
SANITARY CLEANOUT	
LIGHT POLE	
FUEL VENT	
AIR TOWER	

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LICENSED PROFESSIONAL ENGINEER
TIMOTHY B KRATZ
062-068956
STATE OF ILLINOIS

02/18/2026

REVISIONS

REV.	DATE	DESCRIPTION
0	11.03.2025	SITE PLAN/SPECIAL USE
1	01.13.2026	SITE PLAN RESUBMITTAL
2	01.13.2026	MWRD
3	02.18.2026	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

UTILITY PLAN

MARIANO'S - M533 - RETAIL FUEL CENTER
784 SKOKIE BLVD
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COOK COUNTY

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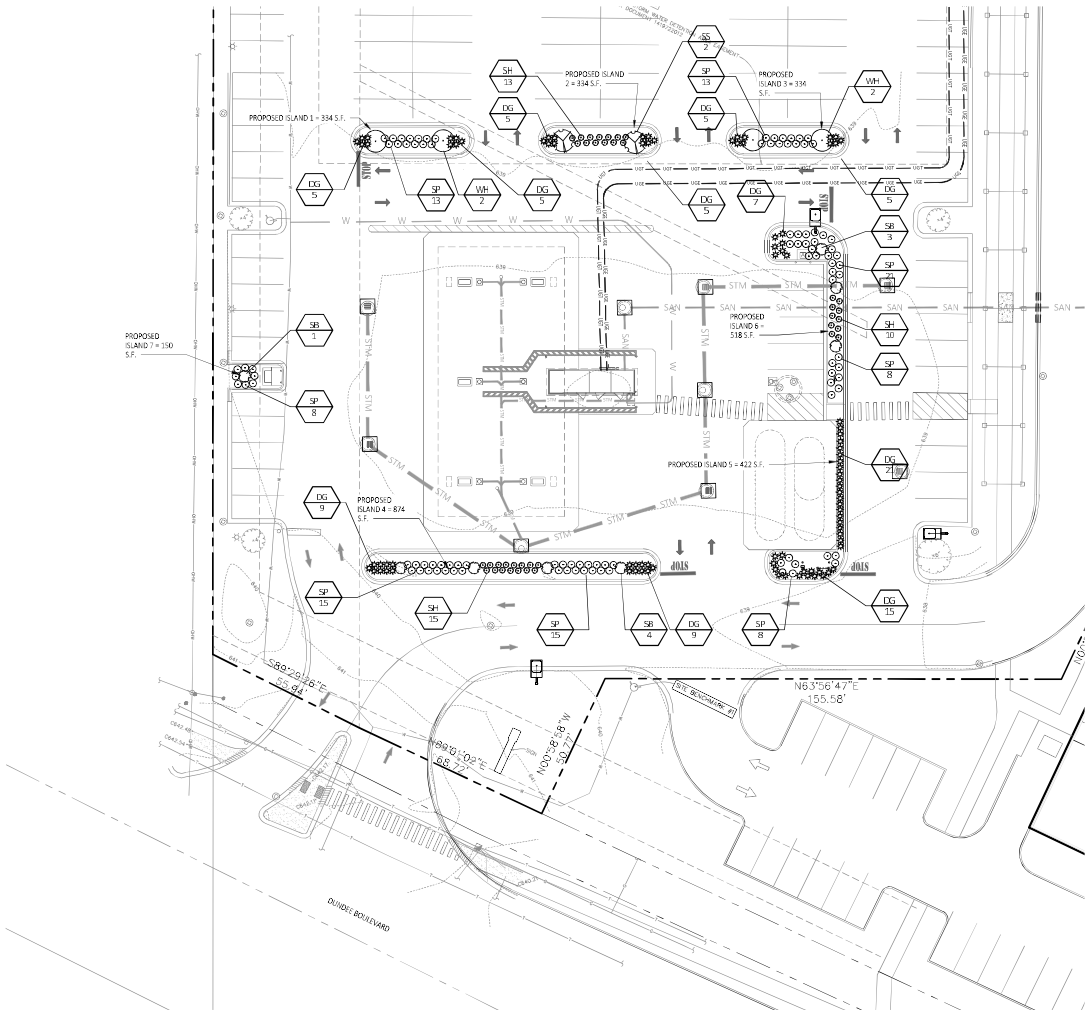
SHEET NUMBER

C1.40

PLANT AND MATERIAL SCHEDULE							
	KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
DECIDUOUS TREE	SB	8	-	SERVICEBERRY			
MEDIUM TREE	WH	4	HAMAMELIS VERNALIS	WITCHHAZEL			
	SS	2	ACER MIYABE	STATE STREET MIYABE MAPLE			MORTON, RUGGED RIDGE
GRASSES	DG	91	-	'DWARF ORNAMENTAL GRASS'	1 GAL		
SHRUBS	SP	101	-	DECIDUOUS SHRUB	3 GAL		
	SH	38	-	DECIDUOUS SHRUB	3 GAL		

NOTES:
1. ALL DISTURBED LANDSCAPE AREAS NOT TO BE RESTORED TO MATCH EXISTING.



LANDSCAPE PLAN

SCALE: 1" = 20'-0"

0 20' 40'

LANDSCAPE NOTES:

1. ALL TREES AND SHRUBS SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO PLANTING.
2. PLANT MATERIAL SHALL COMPLY WITH ALL SIZING AND GRADING STANDARDS OF LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK"
3. ANY SUBSTITUTIONS OF PLANT MATERIAL OR ALTERATION IN PLANT SIZES, SPECIFICATION OR LOCATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
4. ALL LARGE TREES AND EVERGREENS TO BE STAKED, GUYED, AND WRAPPED. SEE LANDSCAPE DETAILS.
5. PLANT BEDS TO BE MULCHED AND DRESSED WITH 4" MIN. OF SHREDDED HARDWOOD WITH PRE-EMERGENT HERBICIDE. SEE DETAIL THIS SHEET.
6. DIG SHRUB PIT 1' FOOT LARGER THAN SHRUB ROOT BALLS AND THREE PITS TWO FEET LARGER THEN ROOT BALL. BACK FILL WITH TWO PARTS TOP SOIL AND ONE PART COMPOST.
7. REMOVE ALL TWINE, WIRE, AND BURLAP FROM TREE AND SHRUB ROOT BALLS, AND FROM TRUNKS.
8. ALL DISTURBED AREAS NOT DESIGNATED AS PAVEMENT, OR PLANTING BEDS, SHALL BE SODDED. ALL TURF AREAS SHALL CONSIST OF A MINIMUM 6" THICKNESS TOPSOIL FREE OF CLAY DEBRIS, STICKS OR ROCKS IN EXCESS OF 1" IN DIAMETER. ALL TOPSOIL AREAS SHALL BE FINE GRADED AND RAKED, REMOVING RIDGES AND FILLING DEPRESSIONS AS REQUIRED TO MEET FINISHED GRADES AND CREATE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
9. LAWN TREES TO BE MULCHED WITH 4' WIDE MINIMUM OF 4" DEEP SHREDDED BARK RING OR APPROVED ALTERNATE DESIGN FOR TRUNK PROTECTION.
10. PROVIDE SEED FOR ALL NEW LAWN AREAS UNLESS NOTED OTHERWISE. TURF AREA SHALL BE TREATED WITH FERTILIZER APPLIED AT A RATE OF 1 POUND PER 1,000 SQUARE FEET.
11. INSTALLATION OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS.
12. AT THE TIME OF SITE PREPARATION, ENGINEER TO REVIEW ALL EXISTING VEGETATION, AND TAG MATERIALS TO BE SAVED OR RELOCATED.
13. ALL PLANTING AREAS TO BE PREPARED WITH APPROPRIATE SOIL MIXTURES AND FERTILIZER BEFORE PLANT INSTALLATION.
14. PLANT TREES AND SHRUBS GENERALLY NO CLOSER THEN THE FOLLOWING DISTANCES FROM SIDEWALKS, CURBS, AND PARKING STALLS:
    a. SHADE TREES: 5 FEET
    b. ORNAMENTAL AND EVERGREEN TREES: 10 FEET (CRAB, PINE, SPRUCE, ETC.)
    c. SHRUBS THAT ARE LESS THAN 1 FOOT TALL AND WIDE AT MATURITY: 2 FEET
15. LOCATE ALL UTILITIES PRIOR TO DIGGING, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES.
16. NO TREES, EVERGREENS, AND SHRUBS SHALL BE INSTALLED OVER ANY EXISTING OR PROPOSED UTILITY LINES AS SHOWN ON THE OVERALL LANDSCAPE PLAN. SEE ENGINEERING PLANS FOR EXACT LOCATION AND DETAILS.
17. LAWN AND LANDSCAPE AREAS TO BE FULLY IRRIGATED WITH AUTOMATIC UNDERGROUND SYSTEMS (BLVD ISLAND, CUL-DE-SAC, AND GREENBELT). TO ESTABLISH, AND MAINTAIN GOOD AND HEALTHY TURF AND PLANT MATERIAL PER THE KROGER CO. KROGER MASTER BUILDING SPECIFICATIONS, SECTION 32 84 00 - PLANTING IRRIGATION OF THE PROCUREMENT AND CONTRACTING DOCUMENTS GROUP.
18. ALL LANDSCAPE PLANT MATERIAL TO BE GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE.
19. ALL SHRUB PLANTINGS WITHIN SITE TRIANGLE AREAS TO BE MAXIMUM HEIGHT OF 30", AND FIRST BRANCHING FOR PROPOSED TREES TO BE MINIMUM OF 7' ABOVE PROPOSED GRADES.
20. ALL DISEASED, DAMAGED OR DEAD PLANT MATERIALS SHALL BE REPLACED IN ACCORDANCE WITH SPECIFICATIONS, AND LOCAL REGULATIONS.
21. PLANT FERTILIZER SHALL BE AGRIFORM 21 GRAIN TABLETS, SLOW RELEASE, 20-10-5 ANALYSIS AND/OR APPROVED EQUAL. RATES OF APPLICATION SHALL BE AS RECOMMENDED BY MANUFACTURER.

SOIL VOLUMES		
	AREA OF ISLAND (SQUARE FEET)	SOIL VOLUME (CUBIC YARDS)
PROPOSED ISLAND 1	334	24.7
PROPOSED ISLAND 2	334	24.7
PROPOSED ISLAND 3	334	24.7
PROPOSED ISLAND 4	874	64.7
PROPOSED ISLAND 5	422	31.3
PROPOSED ISLAND 6	518	38.4
PROPOSED ISLAND 7	150	11.1

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SHEET NUMBER

L1.20

To be incorporated into all construction documents for right-of-way improvements

The following specifications are guidelines to ensure that the parkway trees are not damaged during the proposed construction.

As with all guidelines, it will be in the contractor's best interest, to schedule a meeting prior to construction to ensure that all questions regarding proposed work and tree impacts are discussed and agreement reached with the Village Forester.

PROXIMITY TO TREES

- Any new sidewalk or street excavation to be made will require prior approval by the Village Forester.
- Site markings indicating proximity of proposed work shall be marked by each tree with paint prior to scheduling an inspection by the Village Forester.
- The permitted distance from the trunk of a tree to any proposed excavation is 6 feet or more.
- If the proposed improvement is within 6 feet or less of the tree, the tree may be required to be removed. (See Tree Removal).

TREE PRESERVATION FENCING

- Wooden slat snow fence will need to be erected from drip line to drip line of each tree within the construction zone.
- Enclosed Tree Protection Detail will be part of the construction documents.

TREE ROOT PRUNING

- Root pruning shall be performed on any tree that is more than 6 feet from the proposed construction zone.
- Root pruning will **not be permitted** on any tree that is less than 6 feet away from proposed construction zone.
- Root pruning equipment must be approved by the Village Forester prior to use.
- Hand root pruning will not be permitted unless approved by the Village Forester. All hand root pruning will require a Certified Arborist's supervision.

TREE REMOVAL

- Tree removal is recommended for trees closer than 6 feet to a construction zone.
- The use of structural soil and barrier fabric will be considered as an alternative to tree removal.
- All tree removals require a written permit from the Village Forester **prior** to removal.

TREE CANOPY PRUNING

- Tree branches hanging into the construction zone may be pruned by a Certified Tree Worker.
- All pruning cuts must must ANSI A300-2001 Standards.
- No American Elms or Oaks may be pruned without written permission and instructions to Certified Arborist from the Village Forester between April 1st and October 31st.

DAMAGE TO TREES

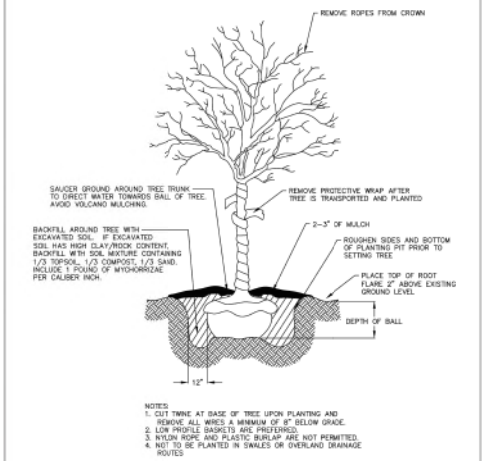
- Failure to follow these specifications will result in the contractor requiring to post a cash bond, equivalent to the value of each damaged tree, for a period not to exceed 3 years.
- Bond value will be determined by the Village Forester.
- The Village Forester reserves the right to stop the job for unsupervised work that is determined to cause irreparable damage to any right-of-way tree. Stop work order will be enforced until the cash bond is paid as determined.

CONSTRUCTION AND TREE PRESERVATION SPECIFICATIONS FOR PARKWAY TREES

DATE	REVISIONS
4-30-20	No Changes
4-1-21	Changed Page Format

STANDARD DETAIL G-12 (02)

(Sheet 1 of 1)



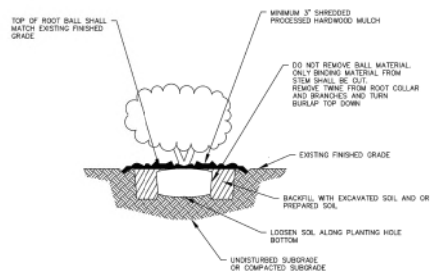
NOTES:
1. CUT TWINE AT BASE OF TREE UPON PLANTING AND REMOVE ALL WIRES A MINIMUM OF 6" BELOW GRADE.
2. LOW PROFILE BASKETS ARE PREFERRED.
3. NYLON ROPE AND PLASTIC BURLAP ARE NOT PERMITTED.
4. NOT TO BE PLANTED IN SWALES OR OVERLAND DRAINAGE ROUTES

TREE PLANTING DETAIL

DATE	REVISIONS
4-30-20	Revised Notes
4-1-21	Added Plan Note

STANDARD DETAIL G-1 (02)

(Sheet 1 of 1)



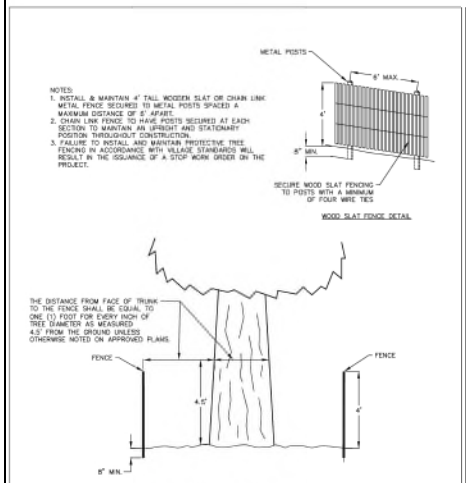
NOTES:
1. FINAL BALL ELEVATION AND PLANTER BED GRADING AS DIRECTED BY PLAN.
2. WHEN SOIL CONDITIONS WITH POOR DRAINAGE ARE DISCOVERED, NOTIFY VILLAGE REPRESENTATIVE.
3. LANDSCAPE CONTRACTOR SHALL SUGGEST SOLUTION FOR DRAINAGE IMPROVEMENTS

SHRUB PLANTING DETAIL

DATE	REVISIONS
4-30-20	Revised Notes
4-1-21	Added Plan Note

STANDARD DETAIL G-2 (02)

(Sheet 1 of 1)



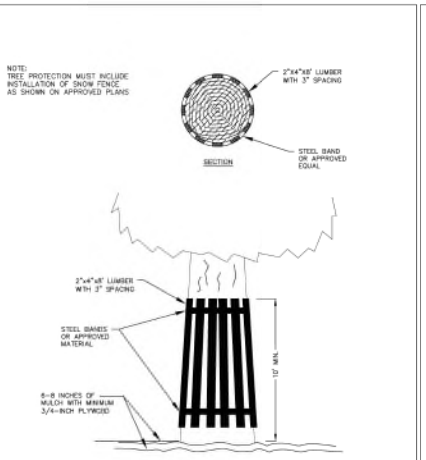
NOTES:
1. INSTALL & MAINTAIN 4' TALL WOODEN SLAT OR CHAIN LINK METAL FENCE SECURED TO METAL POSTS SPACED A MAXIMUM DISTANCE OF 8' APART.
2. CHAIN LINK FENCE TO HAVE POSTS SECURED AT EACH SECTION TO MAINTAIN AN UPRIGHT AND STATIONARY POSITION THROUGHOUT CONSTRUCTION.
3. FAILURE TO INSTALL AND MAINTAIN PROTECTIVE TREE FENCING IN ACCORDANCE WITH VILLAGE STANDARDS WILL RESULT IN THE ISSUANCE OF A STOP WORK ORDER ON THE PROJECT.

WOODEN SLAT OR CHAIN LINK TREE PROTECTION DETAIL

DATE	REVISIONS
4-30-20	Revised Notes
4-1-21	Added Plan Note

STANDARD DETAIL G-3 (02)

(Sheet 1 of 1)

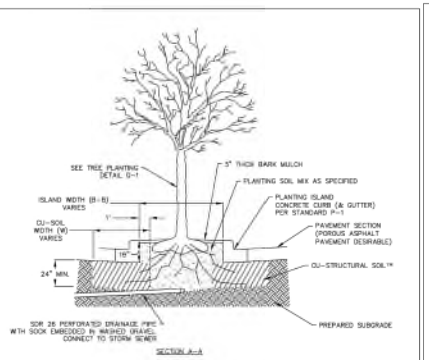


WOOD PLANK TREE PROTECTION DETAIL

DATE	REVISIONS
4-30-20	Revised Notes
4-1-21	Revised Notes

STANDARD DETAIL G-4 (02)

(Sheet 1 of 1)



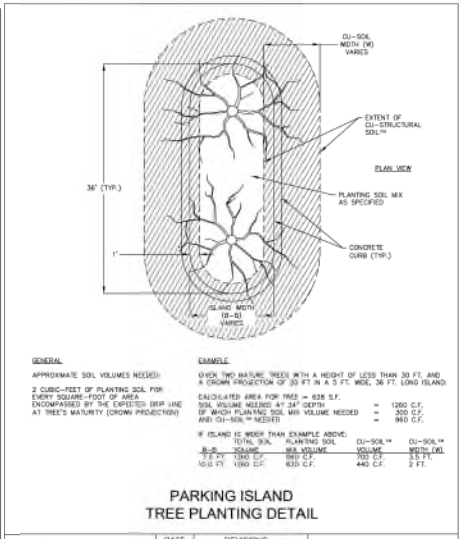
NOTES:
1. ALLOWABLE TREE SIZE AT MATURITY IS 33 FEET IN HEIGHT.
2. STRUCTURAL SOIL MAY BE CU-STRUCTURAL SOIL™ OR STALITE (FOR SANDY SOILS). TRADITIONAL CRUSHED LIMESTONE IS NOT PERMITTED FOR USE IN PARKING LOT ISLANDS THAT HAVE TREES PLANTED.
3. CU-STRUCTURAL SOIL SHALL BE OBTAINED FROM A LICENSED PRODUCER SUCH AS MOMENT TRACING.
4. TREE SPECIES SHOULD BE CHOSEN THAT PREFER WELL DRAINED SOIL AND BE SUITABLE FOR THE EXPECTED pH OF THE CU-SOIL PROVIDED.
5. INITIAL WATERING SHOULD BE AT A RATE OF 20 GALLONS PER TREE, EVERY 5-7 DAYS.
6. SEE SHEET 2 FOR PLAN VIEW AND QUANTITIES.

PARKING ISLAND TREE PLANTING DETAIL

DATE	REVISIONS
4-30-20	New Detail
6-1-23	Revised Callouts

STANDARD DETAIL G-8 (02)

(Sheet 1 of 2)



GENERAL

APPROXIMATE SOIL VOLUMES NEEDED:

2 CUBIC-FEET OF PLANTING SOIL FOR EVERY SQUARE-FOOT OF AREA ENCOMPASSED BY THE EXPECTED DRIP LINE AT TREE'S MATURITY (CROWN PROJECTION)

EXAMPLE

GIVEN TWO MATURE TREES WITH A HEIGHT OF LESS THAN 30 FT. AND A CROWN PROJECTION OF 30 FT IN A 5 FT. WIDE, 36 FT. LONG ISLAND:

CALCULATED AREA FOR TREE = 828 S.F.
SOIL VOLUME NEEDED AT 24" DEPTH = 1260 C.F.
OF WHICH PLANTING SOIL MIX VOLUME NEEDED = 300 C.F.
AND CU-SOIL™ NEEDED = 960 C.F.

IF ISLAND IS WIDER THAN EXAMPLE ABOVE:

	TOTAL SOIL VOLUME	PLANTING SOIL MIX VOLUME	CU-SOIL™ VOLUME	CU-SOIL™ WIDTH (W)
8'-8"	1260 C.F.	560 C.F.	700 C.F.	3.5 FT.
10'-5 FT.	1260 C.F.	810 C.F.	440 C.F.	2 FT.

PARKING ISLAND TREE PLANTING DETAIL

DATE	REVISIONS
4-30-20	New Detail

STANDARD DETAIL G-8 (01)

(Sheet 2 of 2)

sevan ENGINEERING, P.C.
Corporate Office:
3025 Highland Parkway | Suite 850
Downers Grove, IL 60515
INTEGRITY | RESPECT | TEAMWORK
EXCELLENCE | CHARITY

CLIENT

MARIANO'S

SEAL

I HEREBY CERTIFY [redacted] DRAWINGS [redacted]

LICENSED PROFESSIONAL ENGINEER
TIMOTHY B KRATZ
052.068868

02/18/2020

REVISIONS

REV.	DATE	DESCRIPTION
2	05.13.2020	MWRD
1	03.18.2020	PLANNING COMMENTS

CONSULTANTS

PROJECT INFORMATION

LANDSCAPE DETAILS

MARIANO'S - M633 - RETAIL FUEL CENTER
7845 SKOKIE BLVD
NORTHBROOK, IL 60062
COOK COUNTY

SHEET MANAGEMENT

PROJECT NUMBER:	M633
ISSUED DATE:	11.06.2019
DRAWN BY:	RE
CHECKED BY:	MV
PROJ. MGR:	JB

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SHEET NUMBER

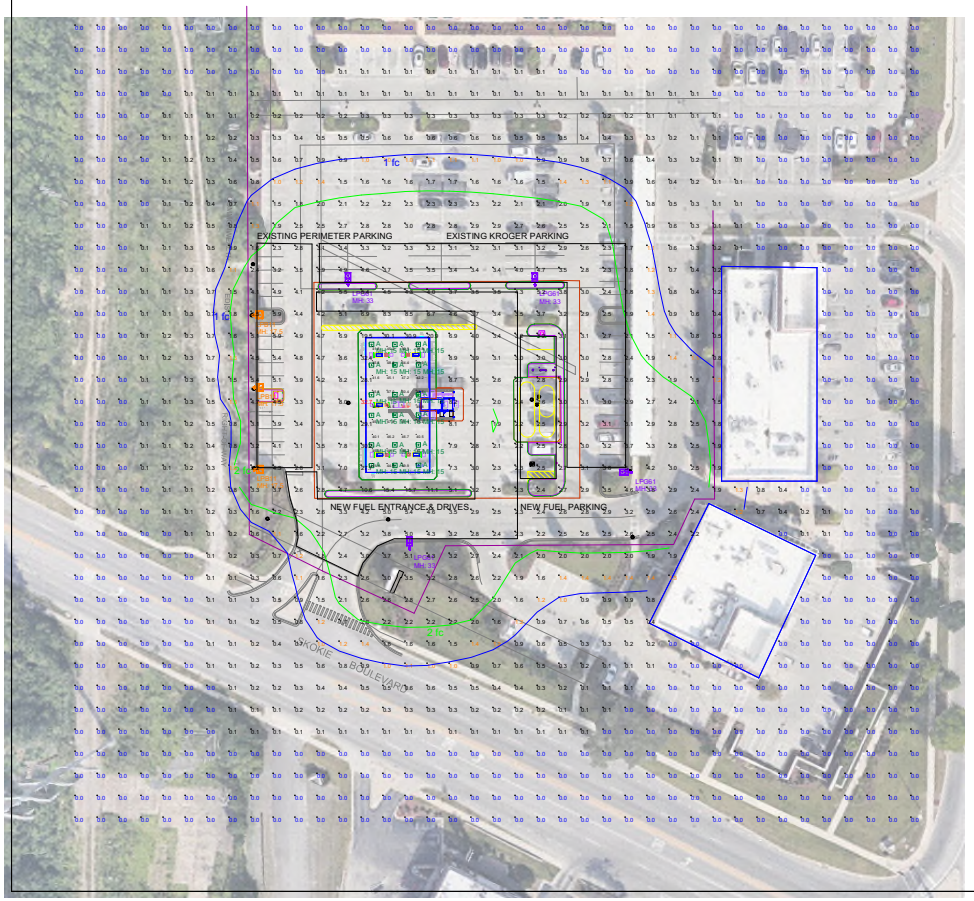
L1.21

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Lum. Watts	Total Watts	Lum. Lumens	LLF	Description
	18	A	Single	104	1872	15383	1.000	SCV-LED-15L-SC-50
	3	LPB11	Single	79.6	238.8	10644	0.941	GALN-SB1D-740-VOLT-T4FT-XX
	4	LPG61	Single	440.1	1760.4	66037	0.941	GALN-SB6D-740-VOLT-SWQ-XX

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts @ Grade	Illuminance	Fc	1.19	32.7	0.0	N.A.	N.A.
FUEL CANOPY	Illuminance	Fc	46.00	55.0	36.5	1.26	1.51
EXISTING KROGER PARKING	Illuminance	Fc	3.10	5.1	1.7	1.82	3.00
EXISTING PERIMETER PARKING	Illuminance	Fc	4.11	5.9	2.3	1.79	2.57
NEW FUEL ENTRANCE & DRIVES	Illuminance	Fc	2.96	5.4	1.8	1.64	3.00
NEW FUEL PARKING	Illuminance	Fc	2.65	3.0	2.5	1.06	1.20

Total Watts = 3871.2

Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	A	193.41	287.87	15	0	0
2	A	209.41	287.94	15	0	0
3	A	225.41	288.01	15	0	0
4	A	193.48	273.87	15	0	0
5	A	209.48	273.94	15	0	0
6	A	225.48	274.01	15	0	0
7	A	193.41	253.62	15	0	0
8	A	209.41	253.69	15	0	0
9	A	225.41	253.76	15	0	0
10	A	193.48	239.62	15	0	0
11	A	209.48	239.69	15	0	0
12	A	225.48	239.76	15	0	0
13	A	193.41	219.37	15	0	0
14	A	209.41	219.44	15	0	0
15	A	225.41	219.51	15	0	0
16	A	193.48	205.37	15	0	0
17	A	209.48	205.44	15	0	0
18	A	225.48	205.51	15	0	0
19	LPB11	112.25	202.75	17.5	0	0
20	LPB11	112.25	258.75	17.5	0	0
21	LPB11	111.75	308	17.5	0	0
22	LPG61	305	328.75	33	90	0
23	LPG61	177.5	329	33	90	0
24	LPG61	219.5	148.75	33	90	0
25	LPG61	370.5	201	33	180	0



Project manager to specify fixture voltage for each fixture type

COOPER Lighting Solutions
Applications Engineering
1121 Highway 74 South
Peachtree City, GA 30269
tel no: 770-486-4534
fax no: 770-486-4599
e-mail: mkt-lightingapplications@cooperlighting.com

We make no representations as to completeness, currency or accuracy because of reliance linked to CAD and the additional digital data used to produce a lighting application. All light in DAO data appears to be extremely accurate, however, the apparent accuracy can unfilled in the techniques used to generate it, and is in no way intended to imply that the calculations represent actual performance of the installed lighting system. Calculations are based on laboratory data taken under controlled conditions in accordance with the IESNA standard method of photometric measurement and may not be duplicated in the field. Actual performance of any manufacturer's luminaire may differ due to variations in electrical voltage, tolerance in lamps and other factors. Users of this information are responsible for determining the suitability of these products for their application. Actual light levels obtained will depend on many factors including reflectances of room surfaces, obstructions, lamp and luminaire depreciation and maintenance. Consult your sales representative or the manufacturer for more complete and specific data. Cooper Lighting reserves the right to change specifications without notice.

Project Name: MARIANO'S M533
Northbrook, IL

Client: The Kroger Co.
Joe Bermudez

Drawn By: EL

Date: 11/19/2025

Scale: As Shown

Project No: 2501181B.AGI

ROOF PLAN NOTES:

1. REFER TO SPECIFICATIONS FOR ROOFING MANUFACTURER AND INFORMATION.
2. CONTRACTOR SHALL PAINT ALL UNSCREENED ROOF EQUIPMENT TO MATCH ROOFING MEMBRANE.
3. ALL SHEET METAL EXPANSION JOINTS SHALL BE 'DRIVE CLEAT' LOCKS. ALL SEAMS OR JOINTS SHALL BE SEALED (COLOR TO MATCH COPING). ALL SHEET METAL COPING OR FLASHING SHALL MEET MINIMUM REQUIREMENTS PER SMACNA (SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION)
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR PARAPET FLASHING FOR REVIEW PRIOR TO FABRICATION.
5. ROOFING TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
6. FLASHING AND ROOFING DETAILS – BECAUSE ROOFING MANUFACTURERS HAVE DIFFERENT DETAILS FOR INSTALLATION OF THEIR ROOF SYSTEMS, FLASHING CONDITIONS, ETC. THE DETAILS SHOWN ON THE DRAWINGS ARE TO BE CONSIDERED DESIGN INTENT. ITEMS SUCH AS PARAPET FLASHING, CANTS, BLOCKING, ROOF PENETRATIONS, AND EXPANSION JOINTS ARE TO BE INSTALLED PER MANUFACTURERS DETAILS. THE CONTRACTOR IS TO SUBMIT MANUFACTURERS STANDARD DETAILS TO ARCHITECT PRIOR TO THE BEGINNING OF WORK.
7. REFER TO STRUCTURAL DRAWINGS FOR DECK BEARING ELEVATION AT ROOF STRUCTURE.
8. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS ON OR THROUGH ROOF.
9. CLEAN ROOF OF ALL CONSTRUCTION DEBRIS DURING CONSTRUCTION AND AT PROJECT COMPLETION.

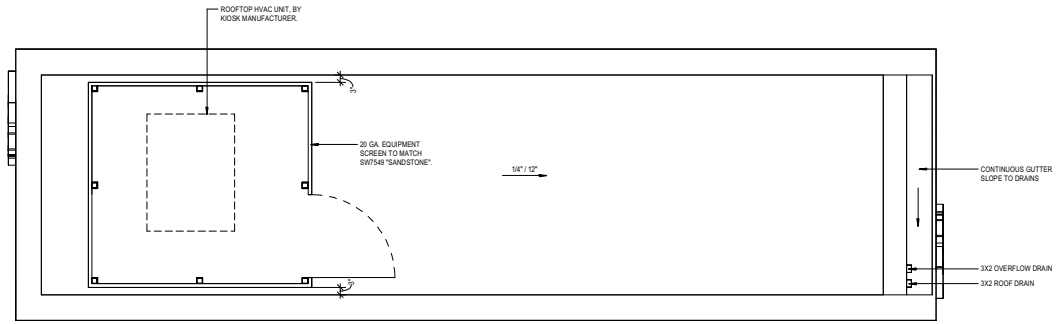
FLOOR PLAN NOTES:

1. CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES.
2. IN THE EVENT OF AN OMITTED NECESSARY DIMENSION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER.
3. VERIFY ALL DIMENSIONS, CONDITIONS, AND GRADES, AT JOB SITE PRIOR TO COMMENCING WORK.
4. VERIFY SIZE, LOCATION, AND CHARACTERISTICS OF WORK AND EQUIPMENT FURNISHED BY OWNER WITH THE MANUFACTURER OR SUPPLIER PRIOR TO COMMENCING CONSTRUCTION ON WORK PERTAINING TO THE SAME.
5. INSTALL FIRE RETARDANT TREATED 2X6 SOLID WOOD BLOCKING AT ALL LOCATIONS WITH WALL MOUNTED EQUIPMENT.
6. EXTERIOR DIMENSIONS ARE GIVEN FROM FACE OF STRUCTURE TO FACE OF STRUCTURE.
7. CONTRACTOR REQUIRED TO PROVIDE NECESSARY BLOCKING FOR ALL OWNER PROVIDED SIGNAGE.
8. FOR ALL AIR CONDITIONING EQUIPMENT, EXHAUST AND SUPPLY FANS, HVAC AND REFRIGERATION EQUIPMENT CURBS; CONTRACTOR SHALL PROVIDE AND INSTALL SUITABLE BLOCKING IN WALLS AND CEILINGS TO SUPPORT FIXTURES, EQUIPMENT, AND CANOPIES.
9. ALL EXTERIOR LANDINGS TO BE ½" MAX BELOW FINISH FLOOR, TYPICAL.
10. ALL INTERIOR DOORS SHALL BE 4" FROM ADJACENT PERPENDICULAR WALL UNO

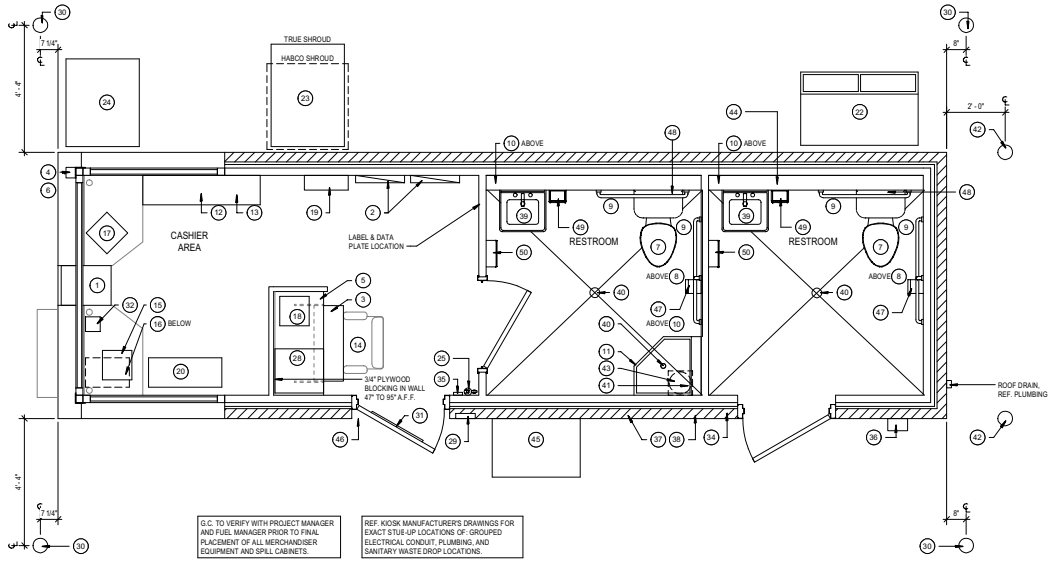
EQUIPMENT SCHEDULE:

ALL EQUIPMENT FURNISHED BY OWNER UNLESS OTHERWISE SPECIFIED.

1. SHURESAFE-ER SERIES # SPT310 - FURNISH WITH KIOSK
2. PANEL BOARD - FURNISH WITH KIOSK
3. NOT USED
4. EMERGENCY STOP - FURNISHED WITH ITEM #2
5. OFFICE COUNTER - 20" X 42 1/2" - 34" A.F.F.
6. UNITED SIGN CO. U-MS-76 - FURNISH WITH KIOSK
7. WATER CLOSET PROVIDED AND INSTALLED BY KIOSK MANUFACTURER
8. BROAN EXHAUST FAN PROVIDED AND INSTALLED BY KIOSK MANUFACTURER
9. GRAB BARS PROVIDED AND INSTALLED BY KIOSK MANUFACTURER
10. NOT USED
11. SERVICE SINK, REFER TO PLUMBING SHEETS.
12. 4'-0" STORAGE RACK - PROVIDED AND INSTALLED BY G.C.
13. CANDY RACK
14. CHAIR
15. LOTTO MACHINE
16. SAFE
17. P.O.S. REGISTER
18. BACK OFFICE P.O.S. - INSTALLED BY OWNER
19. TANK MONITOR
20. CIGARETTE CARTON MERCHANDISER
21. CIGARETTE PACK MERCHANDISER
22. 46 C.F. ICE MERCHANDISER
23. HABCO/TRUE COOLER AND SHROUD - PROVIDED BY OWNER, INSTALLED BY G.C.
24. ENERGYHYDRATION COOLER AND SHROUD - PROVIDED BY OWNER, INSTALLED BY G.C.
25. 2-A: 20: B:C FIRE EXTINGUISHER - BY G.C. QUANTITIES AND LOCATIONS INSTALLED PER LOCAL CODE.
26. NOT USED
27. NOT USED
28. DESK EQUIPMENT RACK - 40 1/2"W X 40 7/8"H X 22"D, WALL MOUNTED
29. KNOX BOX PER LOCAL AUTHORITIES
30. 6" CONCRETE FILLED PIPE BOLLARD WITH SIGN - PROVIDED AND INSTALLED BY G.C. REF DETAILS.
31. BULLETIN BOARD - G.C. TO MOUNT ABOVE PEEPHOLE.
32. INTERCOM MASTER STATION - INSTALLED BY G.C.
33. MERCHANDISING PANELS.
34. FROST-PROOF HOSE BIBB - BY KIOSK MANUFACTURER, REF. KIOSK MANUFACTURER'S DRAWINGS.
35. INTRUSION ALARM KEYPAD
36. EMERGENCY 911 CALL BOX MOUNT CENTERLINE AT +48" ABOVE FINISH LEVEL.
37. COPPER WATER SERVICE LINE ENTRANCE. REF. PLUMBING, CIVIL, AND KIOSK MANUFACTURER'S DRAWINGS.
38. BACKFLOW DEVICE - REF. KIOSK MANUFACTURER'S DRAWINGS.
39. LAVATORY - INSTALLED BY KIOSK MANUFACTURER, REF. KIOSK MANUFACTURER'S DRAWINGS.
40. FLOOR DRAIN - REF. KIOSK MANUFACTURER'S DRAWINGS.
41. CONNECTION TO KIOSK WATER PIPING - REF. KIOSK MANUFACTURER'S DRAWINGS.
42. 6" CONCRETE FILLED PIPE BOLLARD - PROVIDED AND INSTALLED BY G.C. REF DETAILS.
43. 6 GALLON ELECTRIC TANK WATER HEATER & SHELF - INSTALLED BY KIOSK MANUFACTURER.
44. CONNECT TO SANITARY SEWER - REF. CIVIL AND KIOSK MANUFACTURER DRAWINGS.
45. SPILL CABINET - PROVIDED BY OWNER, INSTALLED BY G.C. VERIFY FINAL LOCATION WITH OWNER'S PM.
46. G.C. TO INSTALL OVERHEAD DOOR STOP - GLYNN-JOHNSON, 90 SERIES, US32D FINISH, WITH HOLD OPEN AND SEX NUT BOLT - TO RESTRICT DOOR OPENING TO APPROXIMATELY 90 DEGREES. MUST MAINTAIN A MIN. OF 32" CLEAR FROM ALL HARDWARE FOR INGRESS.
47. TOILET TISSUE DISPENSER - PROVIDED BY OWNER, INSTALLED BY G.C.
48. TOILET SEAT COVER DISPENSER - PROVIDED BY OWNER, INSTALLED BY G.C.
49. HAND SOAP DISPENSER - PROVIDED BY OWNER, INSTALLED BY G.C.
50. HAND TOWEL DISPENSER - PROVIDED BY OWNER, INSTALLED BY G.C.



2 ROOF PLAN
SCALE: 1/2" = 1'-0"



1 FLOOR PLAN
SCALE: 1/2" = 1'-0"

KIOSK ADAPTATION A.O.R. SCOPE OF RESPONSIBILITY:

REFER TO KIOSK MANUFACTURER'S DRAWINGS FOR ALL ITEMS SHOWN EXCEPT FOR THE FOLLOWING KIOSK SITE ADAPTATIONS:

1. MASONRY VENEER, WHERE SHOWN.
2. G.C. INSTALLED ITEMS LISTED IN "EQUIPMENT SCHEDULE".
3. ITEMS SURFACE MOUNTED OR RECESSED INTO MASONRY VENEER.
4. ITEMS WHOSE INSTALLATION REQUIRES MASONRY VENEER COMPLETION.

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Galloway
5500 Greenwood Plaza Blvd., Suite 200
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

STAMP

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NOT FOR BIDDING
NOT FOR CONSTRUCTION

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The Kroger Co.
Supermarket Petroleum Group
Denver, CO 80239
Phone: (303) 715-5901
Fax: (303) 715-5905

KROGER RO-533
ARCHITECTURE CONSTRUCTION DOCUMENT
5(GD) 2-RR INT & EXT DOOR W/ VENEER

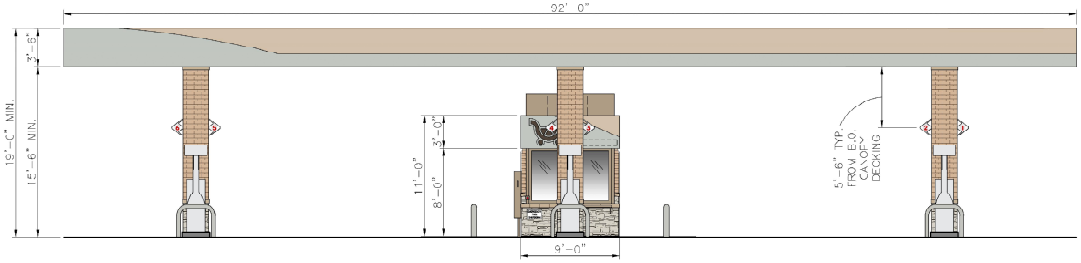
784 SKOKIE BLVD,
NORTHBROOK, IL 60062

#	Date	Issue/Description

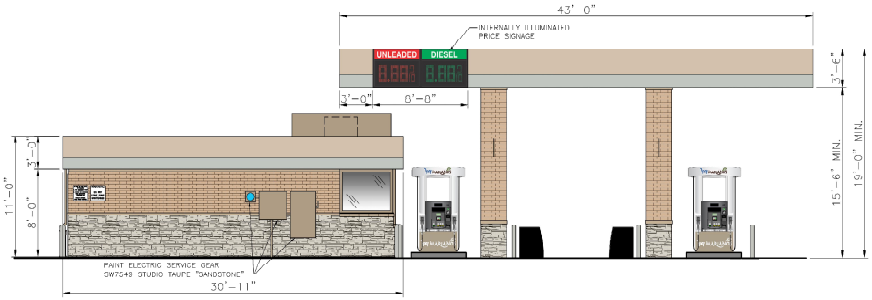
Project No:	KroRo0533.30
Drawn By:	RG
Checked By:	TA
Date:	NOVEMBER 2025

FLOOR AND ROOF PLANS

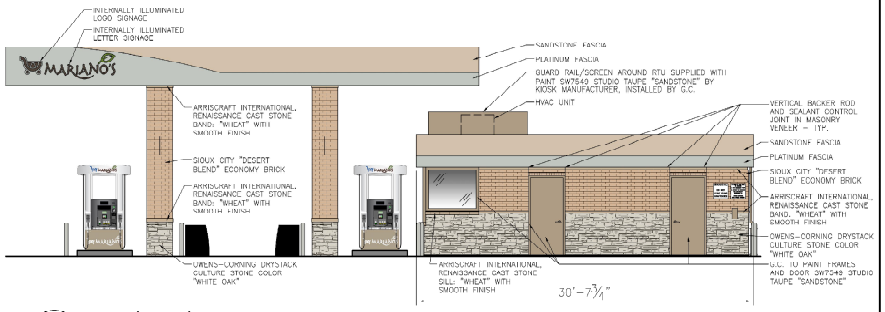
A1.0



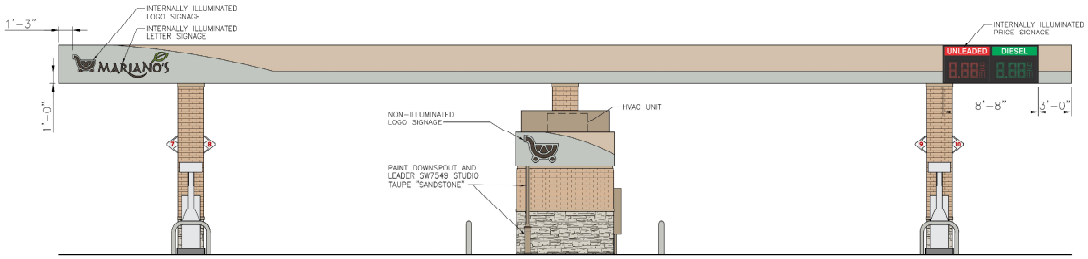
1 FRONT (WEST) ELEVATION
SCALE: 3/16"=1'-0"



2 LEFT (NORTH) ELEVATION
SCALE: 3/16"=1'-0"



3 RIGHT (SOUTH) ELEVATION
SCALE: 3/16"=1'-0"



4 REAR (EAST) ELEVATION
SCALE: 3/16"=1'-0"

Galloway
5500 Greenwood Plaza Blvd., Suite 200
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

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The Kroger Co.
Supermarket Fairplain Group
Denver, CO 80239
Phone: (303) 770-8884
Fax: (303) 770-2650

Kroger

COLOR ELEVATION
5 (9D) 2RR w/ VENEER

784 SKOKIE BLVD
NORTHBROOK, ILLINOIS 60062

#	Date	Issue / Description	Init

Project No:	KmRT3-X03
Drawn By:	CSR
Checked By:	DLJ
Date:	NOVEMBER 2025

FUEL CENTER
EXTERIOR COLOR ELEVATIONS & SIGNAGE

A0.0

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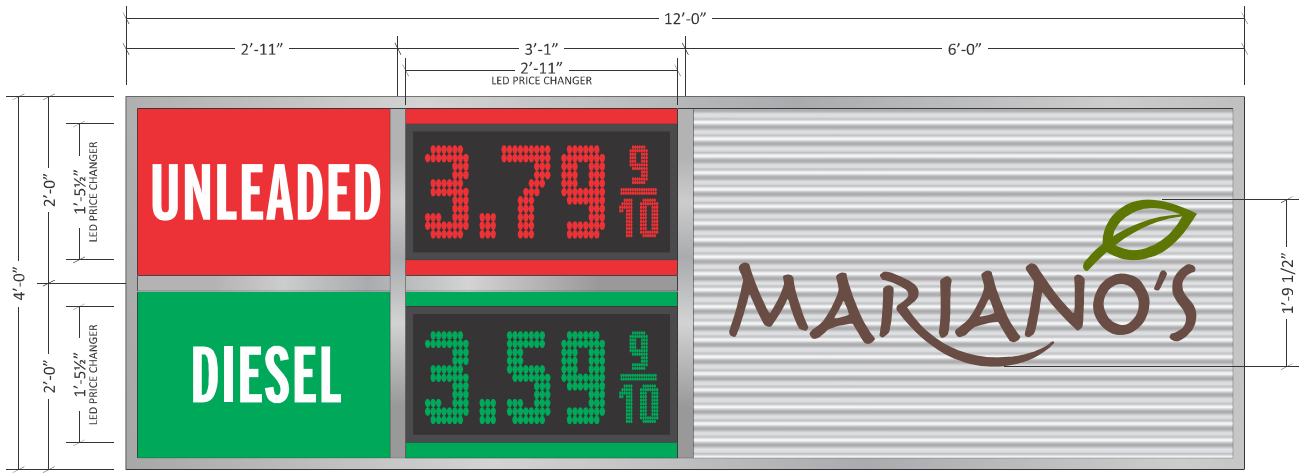

NOTE: FIELD SURVEY REQUIRED PRIOR TO PRODUCTION

A ***REMODEL EXISTING D/F MONUMENT CABINETS w/ NEW LED GAS PRICE CHANGERS***
SCALE: 3/4"=1'

- REMODEL EXISTING MONUMENT SIGN CABINET w/ NEW FACES, DIVIDER BARS & LED GAS PRICE CHANGERS
- FURNISH & INSTALL (2)NEW CORRUGATED ALUM. FACES w/ PUSH THRU ACRYLIC "MARIANO'S" LETTERS & LOGO w/ FIRST SURFACE TRANSLUCENT VINYL
- FURNISH & INSTALL (4)NEW LED GAS PRICE CHANGERS(TWO PER SIDE)
- FURNISH & INSTALL (4)NEW WHITE LEXAN PANELS w/ FIRST SURFACE APPLIED #33 RED(UNLEADED) AND #26 GREEN(DIESEL) VINYL
- FURNISH & INSTALL NEW DIVIDER BARS AS NEED PAINTED BRUSHED ALUM.

BRUSHED ALUMINUM	***WHITE LEXAN***
PMS 7518 C BROWN	***3M 3630-33 RED***
PMS 7496 C GREEN	***3M 3630-26 GREEN***

PROPOSED
SCALE: 1/2" = 1'

EXISTING

DOYLE
GENERAL SIGN CONTRACTORS
232 INTERSTATE RD. P.O. BOX 1068
ADDISON, IL 60101
630-543-9490
FAX 630-543-9493

DATE	REVISION
12.19.25	UPDATED ELEVS. & ADDED LETTER DET.

CUSTOMER APPROVAL **DATE**

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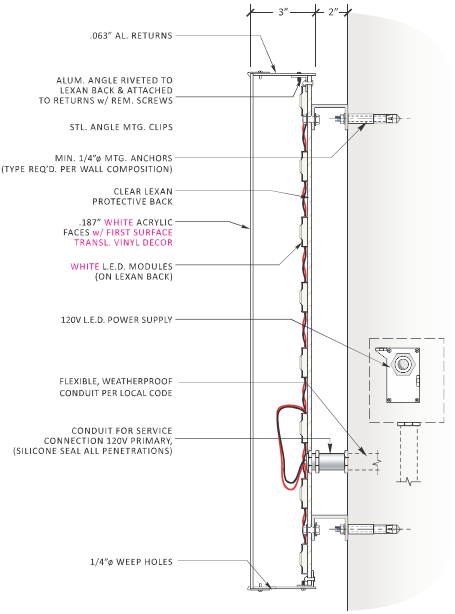
CLIENT	MARIANO'S #533						
ADDRESS	784 SKOKIE BLVD.						
CITY	NORTHBROOK	**STATE**	IL	**DESIGNER**	KM	**SALESPERSON**	JD
DRWG. NO.	18349812344	**SCALE:**	NOTED	**DATE:**	11.07.2025	**SHEET NO.**	1

O:\Design\M\MARIANOS\Northbrook IL #533 - Skokie Blvd\18349812344_v2.cdr

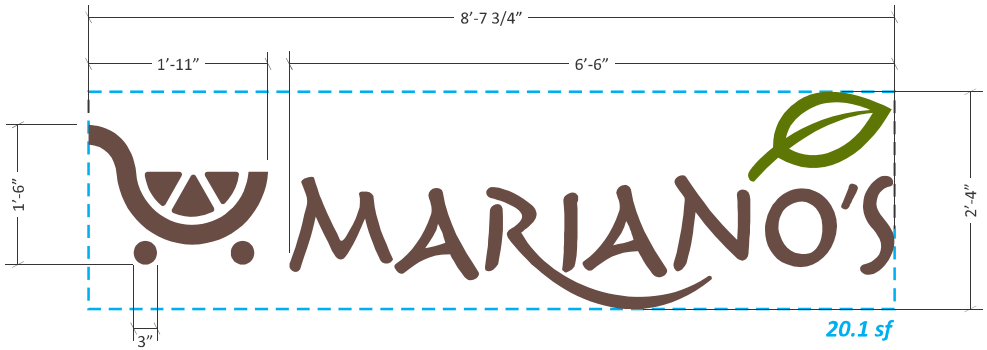
PARTIAL CANOPY ELEVATION

SCALE: ¼"=1'



B ***FACE-LIT / BACK-LIT CHANNEL LETTER***

NTS



B ***TWO(2) SETS OF FACE-LIT & HALO-LIT LETTERS & LOGO***

SCALE: 3/4"=1'

PANTONE 7518 C	PANTONE 7496 C

DOYLE

GENERAL SIGN CONTRACTORS

232 INTERSTATE RD. P.O. BOX 1068
ADDISON, IL 60101
630-543-9490
FAX 630-543-9493

DATE	REVISION
12.19.25	UPDATED ELEVS. & ADDED LETTER DET.

CUSTOMER APPROVAL **DATE**

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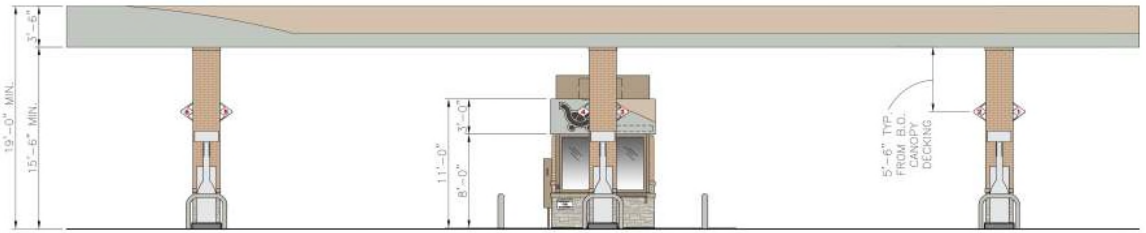
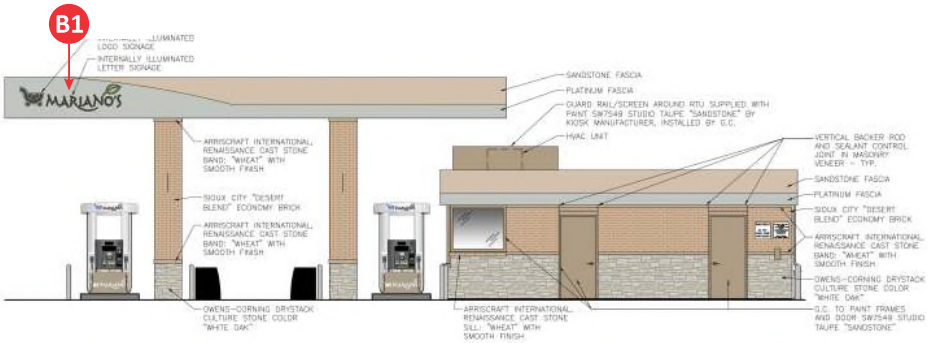
CLIENT	MARIANO'S #533						
ADDRESS	784 SKOKIE BLVD.						
CITY	NORTHBROOK	**STATE**	IL	**DESIGNER**	KM	**SALESPERSON**	JD
DRWG. NO.	18349812344	**SCALE:**	NOTED	**DATE:**	11.07.2025	**SHEET NO.**	2

O:\Design\M\MARIANOS\Northbrook IL #533 - Skokie Blvd\18349812344_v2.cdr



1 FRONT (WEST) ELEVATION
SCALE: 3/32" = 1'



2 LEFT (NORTH) ELEVATION
SCALE: 3/32" = 1'

3 RIGHT (SOUTH) ELEVATION
SCALE: 3/32" = 1'

4 REAR (EAST) ELEVATION
SCALE: 3/32" = 1'

DOYLE
GENERAL SIGN CONTRACTORS
232 INTERSTATE RD. P.O. BOX 1068
ADDISON, IL 60101
630-543-9490
FAX 630-543-9493

DATE	REVISION
12.19.25	UPDATED ELEVS. & ADDED LETTER DET.

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CLIENT	MARIANO'S #533						
ADDRESS	784 SKOKIE BLVD.						
CITY	NORTHBROOK	STATE	IL	DESIGNER	KM	SALESPERSON	JD
DRWG. NO.	18349812344	SCALE:	NOTED	DATE:	11.07.2025	SHEET NO.	3

O:\Design\M\MARIANOS\Northbrook IL #533 - Skokie Blvd\18349812344_v2.cdr

1110 American Parkway
Building 10, Suite F-200-B
Allentown, PA, 18109
Main: 877 627 3772

Colliers Engineering & Design

November 3, 2025

Aram Beladi, P.E.
Village of Northbrook Village Engineer
1225 Cedar Lane
Northbrook, Illinois 60062

Parking Assessment
Mariano's Northbrook – 784 Skokie Boulevard
Village of Northbrook, Cook County, Illinois
Colliers Engineering & Design Project No. 25012699A

Dear Aram,

Colliers Engineering & Design, Inc. has prepared this parking assessment letter in support of the Site Plan Application to the Village of Northbrook ("Village") on behalf of Mariano's ("Applicant") for the proposed development of an ancillary gas station within the existing Mariano's supermarket parking lot ("the Project") within the Village of Northbrook, Cook County, Illinois. The site is currently developed with a Mariano's supermarket with a total of 355 off-street parking spaces. It is proposed to construct a gas station with 10 fueling positions within the southern portion of the site. With the proposed improvements, 85 parking spaces will be eliminated, and 270 parking spaces will be maintained. The subject site is bound by residential and commercial land uses to the north, Skokie Boulevard and commercial land uses to the east, Dundee Road (Route 68) and commercial land uses to the south, and a decommissioned Union Pacific Railroad line to the west. The purpose of this assessment is to determine the parking characteristics of the two (2) parking lots, east and south of the existing Mariano's supermarket, as a means of confirming the available parking is sufficient to accommodate the proposed ancillary gas station. The Study Location Map and proposed Concept Plan are provided as **Figures 1** and **2**.

Parking Accumulation Study

A parking accumulation study was conducted on Thursday, October 9, 2025 and Saturday, October 11, 2025 from 7:00 AM to 7:00 PM. The appended graphs illustrate the observed parking demand at the existing supermarket. A maximum parking demand of 196 spaces was observed on Thursday, October 9, 2025, at 12:45 PM which equates to a maximum parking occupancy percentage of 71% and a vacancy of 159 spaces. A copy of the data collection is enclosed.

Colliers Engineering & Design

Conclusion

In summary, it is proposed to eliminate 85 parking spaces and construct an ancillary gas station with 10 fueling positions in the southern portion of the existing Mariano's supermarket parking lot. A parking accumulation study was conducted on Thursday, October 9, 2025 and Saturday, October 11, 2025 from 7:00 AM to 7:00 PM which determined a maximum parking demand of 71% (196 spaces). Based on the results of the parking accumulation study, it is our opinion the proposed total of 270 parking spaces is sufficient to accommodate the anticipated parking demand. Should you have questions or require any additional information, please do not hesitate to contact this office.

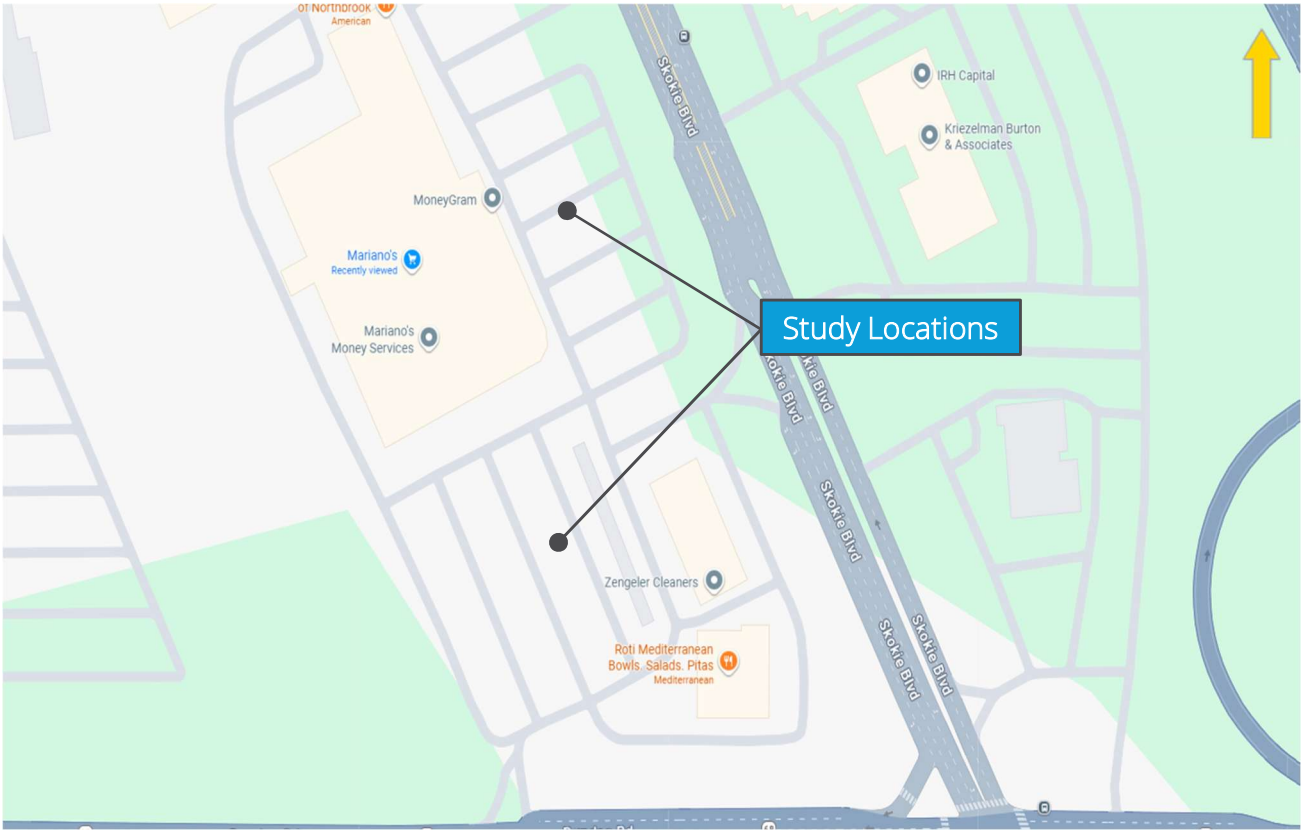
Sincerely,

Colliers Engineering & Design, Inc.

Tyler Krause, P.E.
Senior Project Manager | Traffic Planning

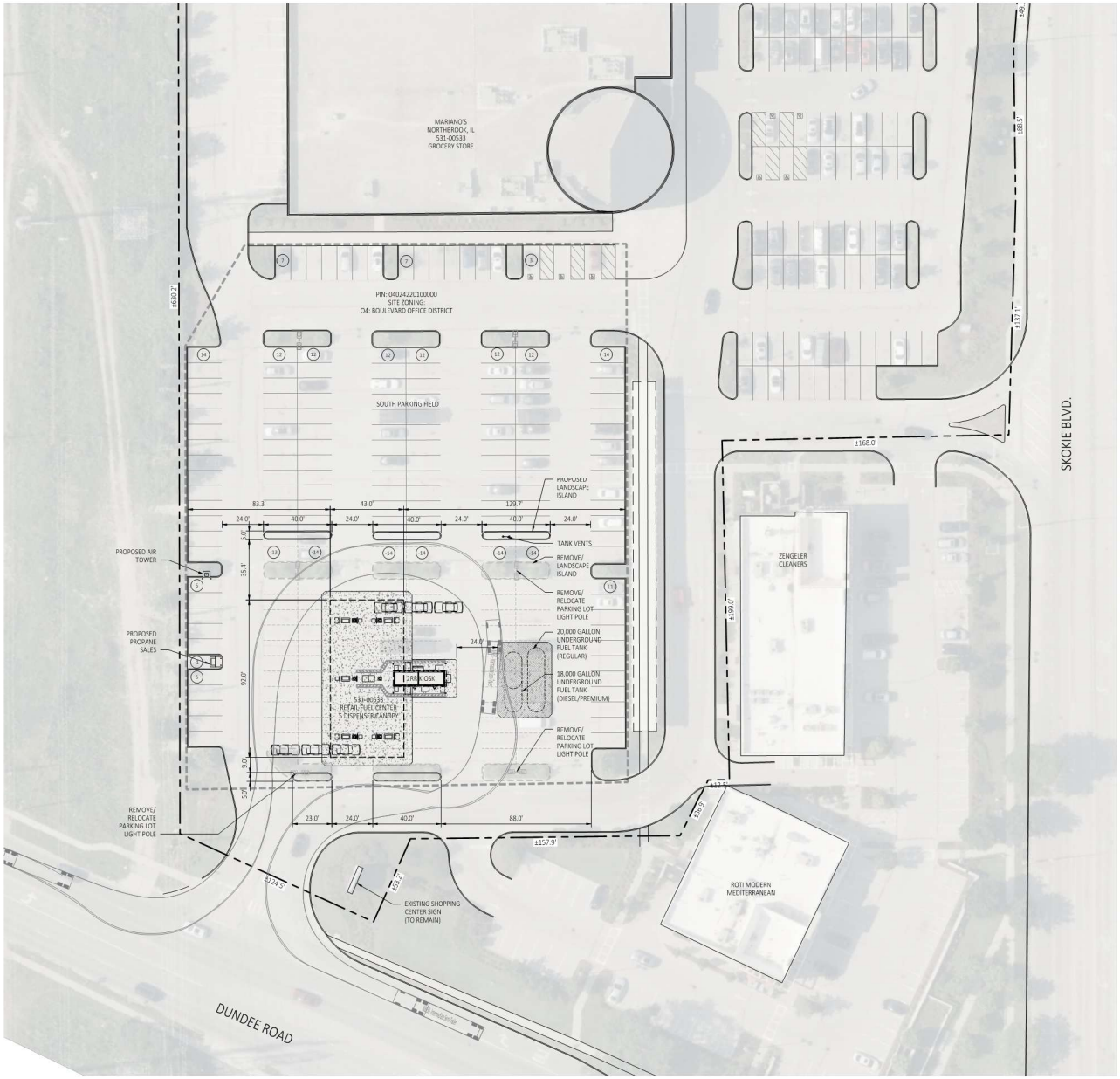
cc: Swati Pandey, Village of Northbrook (via email)
Joe Bermudez, Sevan (via email)
Matthew Pisko, Sevan (via email)
Alec Zukowski, Colliers Engineering & Design (via email)

R:\PROJ\Year\2025\25012699A - Mar-Northbrook\Reports\Traffic\Docs\251103_njs_Parking Assessment.docx



Colliers Engineering & Design	Mariano's Northbrook	**Figure 1**
	Project No. 25012699A	
	Village of Northbrook, Cook County, Illinois	**Study Location Map**

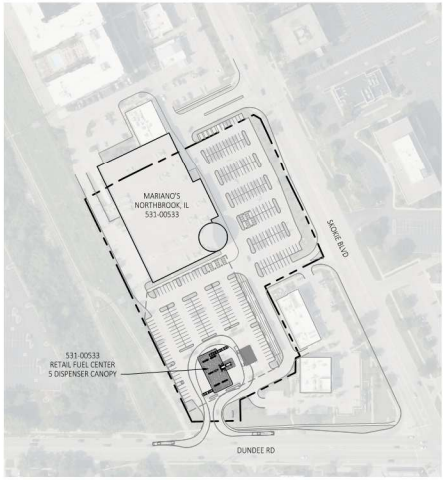
FIGURE 2



CONCEPT SITE PLAN

SCALE: 1" = 50'-0"

0 50' 100'



VICINITY MAP

SCALE: NTS

SOUTH PARKING FIELD:

EXISTING PARKING:

STANDARD SPACES:	219 SPACES
ADA SPACES:	3 SPACES
TOTAL SPACES:	222 SPACES

PROPOSED PARKING:

STANDARD SPACES:	134 SPACES
ADA SPACES:	3 SPACES
TOTAL SPACES:	137 SPACES
TOTAL SPACES LOST:	85 SPACES

NOTE:

THIS CONCEPT PLAN WAS PREPARED TO ILLUSTRATE THE DEVELOPMENT POTENTIAL FOR THE SITE. IT IS CONCEPTUAL IN NATURE AND IS THEREFORE SUBJECT TO MODIFICATION PENDING MUNICIPALITY INPUT, A PLAT OF SURVEY, FINAL PLANNING, ENGINEERING AND ARCHITECTURE.

sevan
ENGINEERING, P.C.
Corporate Office:
3025 Highland Parkway | Suite 850
Downers Grove, IL 60515
info@sevan.com www.sevansolutions.com

INTEGRITY | RESPECT | TEAMWORK
EXCELLENCE | CHARITY

REVISIONS

NO.	DATE	DESCRIPTION
0	04.02.2019	CUSTOMER REVIEW
1	05.24.2022	CUSTOMER REVIEW
2	06.08.2022	CUSTOMER REVIEW
3	03.12.2025	SPG MARKUP
4	05.05.2025	KIOSK ROTATION
5	08.15.2025	CONCEPT REVIEW

CONSULTANT

SEAL

CUSTOMER

MARIANO'S

PROJECT DESCRIPTION

531-00533
RETAIL FUEL CENTER

PROJECT LOCATION

784 SKOKIE BLVD
NORTHBROOK, IL 60062
(COOK COUNTY)

SHEET TITLE

CONCEPT SITE PLAN
OPTION 2

SHEET MANAGEMENT

PROJECT NO.:	531-00533
DATE:	
CAD FILE:	533_SITE_OPT2_Rev0.dwg
PROJECT MANAGER:	T. KRATZ

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SHEET NUMBER

CP1.20

FILE NAME: Z:\Sevan\Clients\Rounds's Supermarkets Inc\Design\531-00533 Northbrook, IL\Arch\Docs\533_SITE_OPT2_CSP-Rev4.dwg LAST SAVED BY: VanderHeide, Mike SAVED DATE: 8/15/2025 12:28 PM PLOTTED: 9/15/2025 12:39 PM

Vehicles Parked	
Average:	135
85th Percentile:	163
Maximum:	196

Thursday, October 9, 2025

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	183	87	32%
7:15 AM	186	84	31%
7:30 AM	188	82	30%
7:45 AM	183	87	32%
8:00 AM	184	86	32%
8:15 AM	170	100	37%
8:30 AM	180	90	33%
8:45 AM	169	101	37%
9:00 AM	158	112	41%
9:15 AM	150	120	44%
9:30 AM	154	116	43%
9:45 AM	156	114	42%
10:00 AM	149	121	45%
10:15 AM	141	129	48%
10:30 AM	136	134	50%
10:45 AM	127	143	53%
11:00 AM	133	137	51%
11:15 AM	117	153	57%
11:30 AM	115	155	57%
11:45 AM	110	160	59%
12:00 PM	99	171	63%
12:15 PM	86	184	68%
12:30 PM	81	189	70%
12:45 PM	74	196	73%

Thursday, October 9, 2025

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	102	168	62%
1:15 PM	108	162	60%
1:30 PM	107	163	60%
1:45 PM	113	157	58%
2:00 PM	108	162	60%
2:15 PM	119	151	56%
2:30 PM	117	153	57%
2:45 PM	104	166	61%
3:00 PM	122	148	55%
3:15 PM	108	162	60%
3:30 PM	122	148	55%
3:45 PM	140	130	48%
4:00 PM	134	136	50%
4:15 PM	133	137	51%
4:30 PM	127	143	53%
4:45 PM	134	136	50%
5:00 PM	133	137	51%
5:15 PM	128	142	53%
5:30 PM	140	130	48%
5:45 PM	143	127	47%
6:00 PM	144	126	47%
6:15 PM	148	122	45%
6:30 PM	147	123	46%
6:45 PM	172	98	36%
Total:	**270**		

Vehicles Parked	
Average:	137
85th Percentile:	172
Maximum:	182

Saturday, October 11, 2025

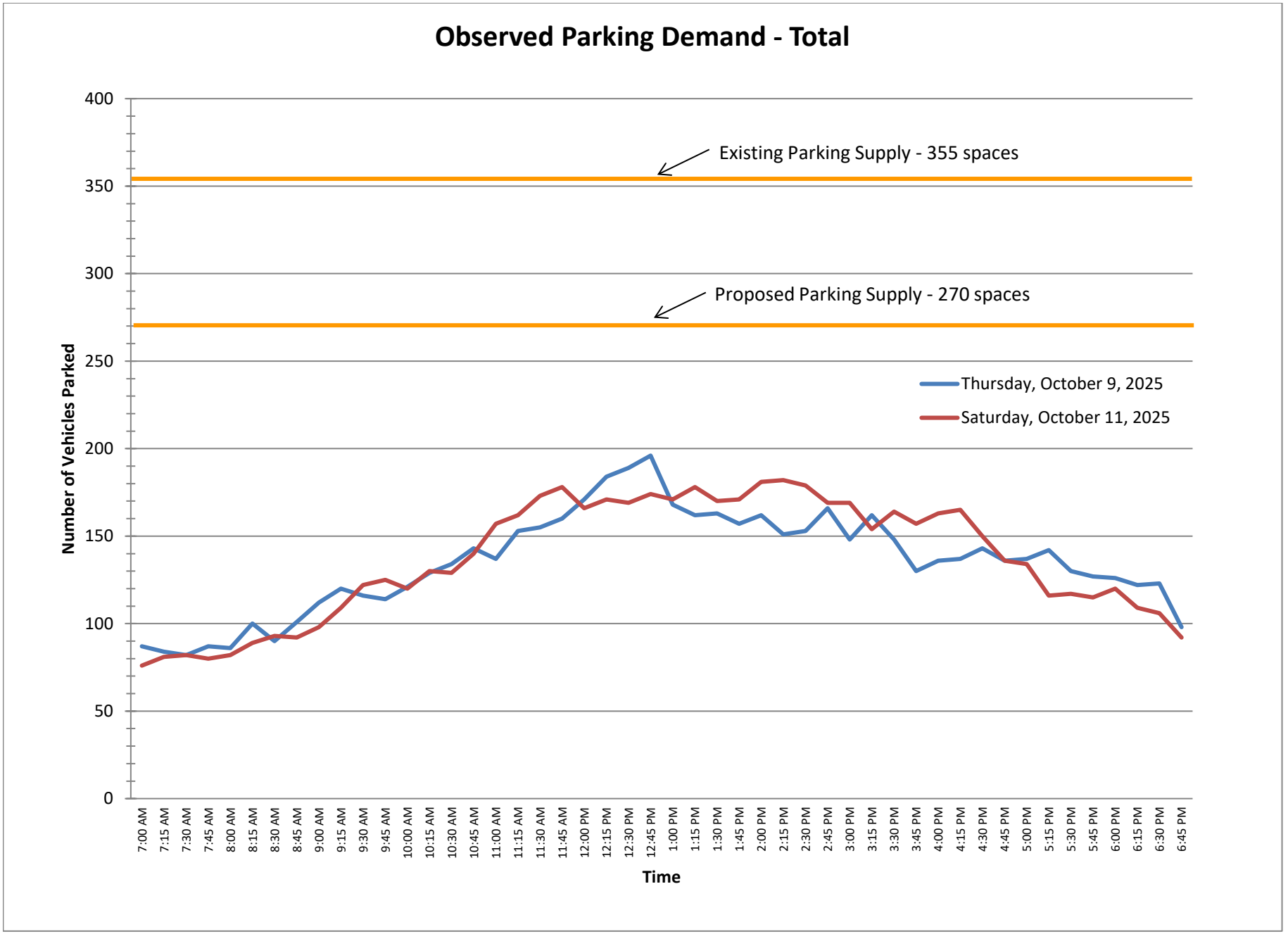
Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	194	76	28%
7:15 AM	189	81	30%
7:30 AM	188	82	30%
7:45 AM	190	80	30%
8:00 AM	188	82	30%
8:15 AM	181	89	33%
8:30 AM	177	93	34%
8:45 AM	178	92	34%
9:00 AM	172	98	36%
9:15 AM	161	109	40%
9:30 AM	148	122	45%
9:45 AM	145	125	46%
10:00 AM	150	120	44%
10:15 AM	140	130	48%
10:30 AM	141	129	48%
10:45 AM	130	140	52%
11:00 AM	113	157	58%
11:15 AM	108	162	60%
11:30 AM	97	173	64%
11:45 AM	92	178	66%
12:00 PM	104	166	61%
12:15 PM	99	171	63%
12:30 PM	101	169	63%
12:45 PM	96	174	64%

Saturday, October 11, 2025

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	99	171	63%
1:15 PM	92	178	66%
1:30 PM	100	170	63%
1:45 PM	99	171	63%
2:00 PM	89	181	67%
2:15 PM	88	182	67%
2:30 PM	91	179	66%
2:45 PM	101	169	63%
3:00 PM	101	169	63%
3:15 PM	116	154	57%
3:30 PM	106	164	61%
3:45 PM	113	157	58%
4:00 PM	107	163	60%
4:15 PM	105	165	61%
4:30 PM	120	150	56%
4:45 PM	134	136	50%
5:00 PM	136	134	50%
5:15 PM	154	116	43%
5:30 PM	153	117	43%
5:45 PM	155	115	43%
6:00 PM	150	120	44%
6:15 PM	161	109	40%
6:30 PM	164	106	39%
6:45 PM	178	92	34%
Total:	**270**		


Observed Parking Demand - Total
Existing Parking Supply - 355 spaces
Proposed Parking Supply - 270 spaces
Thursday, October 9, 2025
Saturday, October 11, 2025
Number of Vehicles Parked
Time
400
350
300
250
200
150
100
50
0
7:00 AM
7:15 AM
7:30 AM
7:45 AM
8:00 AM
8:15 AM
8:30 AM
8:45 AM
9:00 AM
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5:15 PM
5:30 PM
5:45 PM
6:00 PM
6:15 PM
6:30 PM
6:45 PM

Vehicles Parked	
Average:	55
85th Percentile:	65
Maximum:	74

Thursday, October 9, 2025 (Parking Lot 1)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	94	43	31%
7:15 AM	97	40	29%
7:30 AM	97	40	29%
7:45 AM	95	42	31%
8:00 AM	94	43	31%
8:15 AM	92	45	33%
8:30 AM	92	45	33%
8:45 AM	89	48	35%
9:00 AM	83	54	39%
9:15 AM	85	52	38%
9:30 AM	86	51	37%
9:45 AM	84	53	39%
10:00 AM	80	57	42%
10:15 AM	81	56	41%
10:30 AM	77	60	44%
10:45 AM	76	61	45%
11:00 AM	79	58	42%
11:15 AM	73	64	47%
11:30 AM	72	65	47%
11:45 AM	74	63	46%
12:00 PM	72	65	47%
12:15 PM	69	68	50%
12:30 PM	68	69	50%
12:45 PM	63	74	54%

Thursday, October 9, 2025 (Parking Lot 1)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	70	67	49%
1:15 PM	68	69	50%
1:30 PM	72	65	47%
1:45 PM	71	66	48%
2:00 PM	73	64	47%
2:15 PM	79	58	42%
2:30 PM	84	53	39%
2:45 PM	80	57	42%
3:00 PM	81	56	41%
3:15 PM	82	55	40%
3:30 PM	83	54	39%
3:45 PM	77	60	44%
4:00 PM	81	56	41%
4:15 PM	88	49	36%
4:30 PM	88	49	36%
4:45 PM	84	53	39%
5:00 PM	84	53	39%
5:15 PM	86	51	37%
5:30 PM	88	49	36%
5:45 PM	90	47	34%
6:00 PM	95	42	31%
6:15 PM	98	39	28%
6:30 PM	94	43	31%
6:45 PM	98	39	28%
Total:	**137**		

Vehicles Parked	
Average:	55
85th Percentile:	68
Maximum:	73

Saturday, October 11, 2025 (Parking Lot 1)

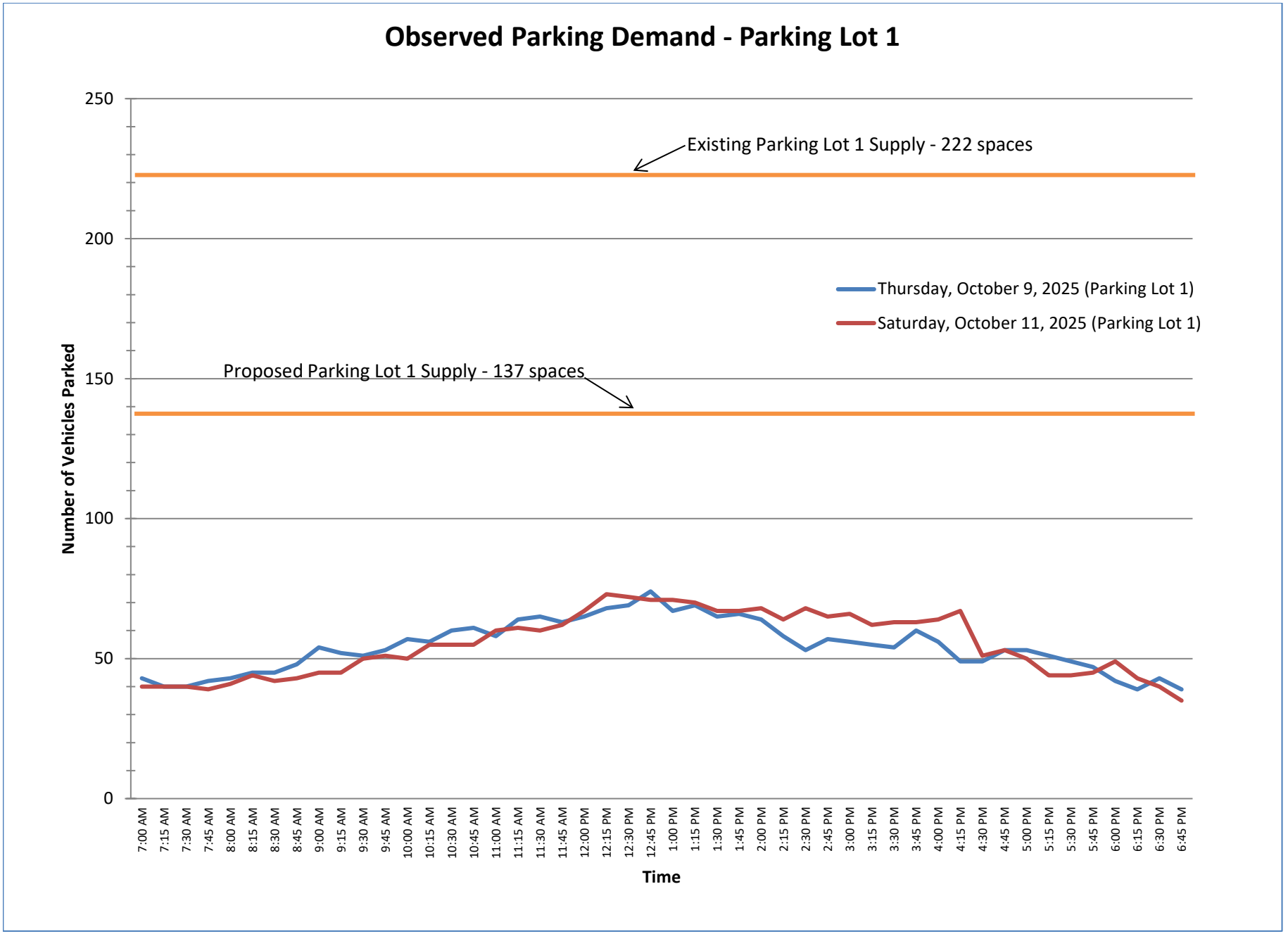
Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	97	40	29%
7:15 AM	97	40	29%
7:30 AM	97	40	29%
7:45 AM	98	39	28%
8:00 AM	96	41	30%
8:15 AM	93	44	32%
8:30 AM	95	42	31%
8:45 AM	94	43	31%
9:00 AM	92	45	33%
9:15 AM	92	45	33%
9:30 AM	87	50	36%
9:45 AM	86	51	37%
10:00 AM	87	50	36%
10:15 AM	82	55	40%
10:30 AM	82	55	40%
10:45 AM	82	55	40%
11:00 AM	77	60	44%
11:15 AM	76	61	45%
11:30 AM	77	60	44%
11:45 AM	75	62	45%
12:00 PM	70	67	49%
12:15 PM	64	73	53%
12:30 PM	65	72	53%
12:45 PM	66	71	52%

Saturday, October 11, 2025 (Parking Lot 1)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	66	71	52%
1:15 PM	67	70	51%
1:30 PM	70	67	49%
1:45 PM	70	67	49%
2:00 PM	69	68	50%
2:15 PM	73	64	47%
2:30 PM	69	68	50%
2:45 PM	72	65	47%
3:00 PM	71	66	48%
3:15 PM	75	62	45%
3:30 PM	74	63	46%
3:45 PM	74	63	46%
4:00 PM	73	64	47%
4:15 PM	70	67	49%
4:30 PM	86	51	37%
4:45 PM	84	53	39%
5:00 PM	87	50	36%
5:15 PM	93	44	32%
5:30 PM	93	44	32%
5:45 PM	92	45	33%
6:00 PM	88	49	36%
6:15 PM	94	43	31%
6:30 PM	97	40	29%
6:45 PM	102	35	26%
Total:	**137**		


Observed Parking Demand - Parking Lot 1
Number of Vehicles Parked
250
200
150
100
50
0
Existing Parking Lot 1 Supply - 222 spaces
Proposed Parking Lot 1 Supply - 137 spaces
Thursday, October 9, 2025 (Parking Lot 1)
Saturday, October 11, 2025 (Parking Lot 1)
7:00 AM
7:15 AM
7:30 AM
7:45 AM
8:00 AM
8:15 AM
8:30 AM
8:45 AM
9:00 AM
9:15 AM
9:30 AM
9:45 AM
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4:30 PM
4:45 PM
5:00 PM
5:15 PM
5:30 PM
5:45 PM
6:00 PM
6:15 PM
6:30 PM
6:45 PM
Time

Vehicles Parked	
Average:	81
85th Percentile:	101
Maximum:	122

Thursday, October 9, 2025 (Parking Lot 2)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	89	44	33%
7:15 AM	89	44	33%
7:30 AM	91	42	32%
7:45 AM	88	45	34%
8:00 AM	90	43	32%
8:15 AM	78	55	41%
8:30 AM	88	45	34%
8:45 AM	80	53	40%
9:00 AM	75	58	44%
9:15 AM	65	68	51%
9:30 AM	68	65	49%
9:45 AM	72	61	46%
10:00 AM	69	64	48%
10:15 AM	60	73	55%
10:30 AM	59	74	56%
10:45 AM	51	82	62%
11:00 AM	54	79	59%
11:15 AM	44	89	67%
11:30 AM	43	90	68%
11:45 AM	36	97	73%
12:00 PM	27	106	80%
12:15 PM	17	116	87%
12:30 PM	13	120	90%
12:45 PM	11	122	92%

Thursday, October 9, 2025 (Parking Lot 2)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	32	101	76%
1:15 PM	40	93	70%
1:30 PM	35	98	74%
1:45 PM	42	91	68%
2:00 PM	35	98	74%
2:15 PM	40	93	70%
2:30 PM	33	100	75%
2:45 PM	24	109	82%
3:00 PM	41	92	69%
3:15 PM	26	107	80%
3:30 PM	39	94	71%
3:45 PM	63	70	53%
4:00 PM	53	80	60%
4:15 PM	45	88	66%
4:30 PM	39	94	71%
4:45 PM	50	83	62%
5:00 PM	49	84	63%
5:15 PM	42	91	68%
5:30 PM	52	81	61%
5:45 PM	53	80	60%
6:00 PM	49	84	63%
6:15 PM	50	83	62%
6:30 PM	53	80	60%
6:45 PM	74	59	44%
Total:	**133**		

Vehicles Parked	
Average:	82
85th Percentile:	104
Maximum:	118

Saturday, October 11, 2025 (Parking Lot 2)

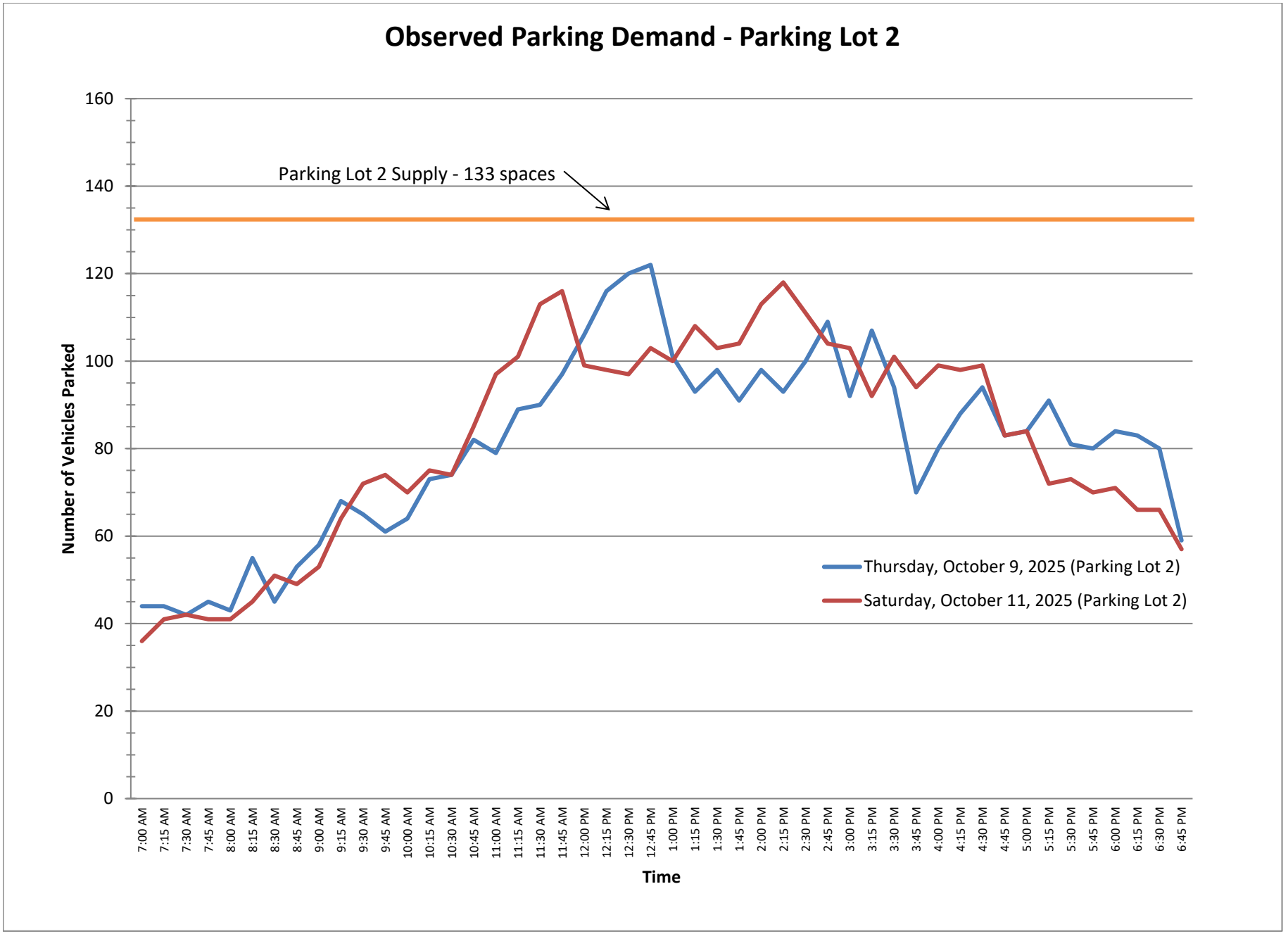
Observed Parking Demand

Time	Vacant	Occupied	% Occupied
7:00 AM	97	36	27%
7:15 AM	92	41	31%
7:30 AM	91	42	32%
7:45 AM	92	41	31%
8:00 AM	92	41	31%
8:15 AM	88	45	34%
8:30 AM	82	51	38%
8:45 AM	84	49	37%
9:00 AM	80	53	40%
9:15 AM	69	64	48%
9:30 AM	61	72	54%
9:45 AM	59	74	56%
10:00 AM	63	70	53%
10:15 AM	58	75	56%
10:30 AM	59	74	56%
10:45 AM	48	85	64%
11:00 AM	36	97	73%
11:15 AM	32	101	76%
11:30 AM	20	113	85%
11:45 AM	17	116	87%
12:00 PM	34	99	74%
12:15 PM	35	98	74%
12:30 PM	36	97	73%
12:45 PM	30	103	77%

Saturday, October 11, 2025 (Parking Lot 2)

Observed Parking Demand

Time	Vacant	Occupied	% Occupied
1:00 PM	33	100	75%
1:15 PM	25	108	81%
1:30 PM	30	103	77%
1:45 PM	29	104	78%
2:00 PM	20	113	85%
2:15 PM	15	118	89%
2:30 PM	22	111	83%
2:45 PM	29	104	78%
3:00 PM	30	103	77%
3:15 PM	41	92	69%
3:30 PM	32	101	76%
3:45 PM	39	94	71%
4:00 PM	34	99	74%
4:15 PM	35	98	74%
4:30 PM	34	99	74%
4:45 PM	50	83	62%
5:00 PM	49	84	63%
5:15 PM	61	72	54%
5:30 PM	60	73	55%
5:45 PM	63	70	53%
6:00 PM	62	71	53%
6:15 PM	67	66	50%
6:30 PM	67	66	50%
6:45 PM	76	57	43%
Total:	**133**		


Observed Parking Demand - Parking Lot 2
Parking Lot 2 Supply - 133 spaces
Number of Vehicles Parked
Time
Thursday, October 9, 2025 (Parking Lot 2)
Saturday, October 11, 2025 (Parking Lot 2)
0
20
40
60
80
100
120
140
160
7:00 AM
7:15 AM
7:30 AM
7:45 AM
8:00 AM
8:15 AM
8:30 AM
8:45 AM
9:00 AM
9:15 AM
9:30 AM
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6:30 PM
6:45 PM

Colliers Engineering & Design

Traffic Impact Study

January 22, 2026

Mariano's Retail Fuel Center

Village of Northbrook, Cook County, Illinois

Prepared for:

Village of Northbrook Plan Commission
1225 Cedar Lane
Northbrook, Illinois 60062

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Introduction

The following report has been prepared for Mariano's ("Applicant") in association with the development of an ancillary gas station within the existing Mariano's supermarket parking lot ("the Project") within the Village of Northbrook, Cook County, Illinois. The site is currently utilized for parking as part of Mariano's Grocery Store. The site is currently developed with a Mariano's supermarket with a total of 355 off-street parking spaces. It is proposed to construct a gas station with 10 fueling positions within the southern portion of the site. With the proposed improvements, 85 parking spaces will be eliminated, and 270 parking spaces will be maintained. The subject site is bound by residential and commercial land use to the north, Skokie Boulevard and commercial land use to the east, Dundee Road (Route 68) and commercial land use to the south, and a decommissioned Union Pacific Railroad line to the west. The proposed site is located within the O-4 Boulevard Office District in accordance with the 2025 Northbrook Zoning Map. The project site is identified as Parcel ID: 04024220100000. A site location map is included as **Figure 1** in **Appendix B**.

The proposed development will be supported by one (1) existing right-in/left-in/right-out driveway along Dundee Road (Route 68) approximately 470' west of Skokie Boulevard and one (1) existing right-in/right-out driveway along Skokie Boulevard approximately 480' north of Dundee Road (Route 68). Direct access to the development will be supported by two (2) full access driveways along the internal roadway which extends from Dundee Road to north of Mariano's Grocery Store. These driveways currently exist as median breaks to access the parking facilities of Mariano's Grocery Store and will be repurposed as driveways upon the development of the proposed site. The proposed Conceptual Site Plan is provided as **Figure 2** in **Appendix B**.

The scope of this Traffic Impact Study is based on scoping coordination with the Village of Northbrook, as well as the requirements outlined within the Village of Northbrook Ordinance. A copy of the scoping coordination is included in **Appendix A**.

This study presents an evaluation of the current and future traffic conditions in the vicinity of the Project. Specific elements included in this study are:

- An inventory of the roadway facilities in the vicinity of the Project, including the existing physical and traffic operating characteristics;
- Determination of the Existing Conditions;
- Site Generated Trips as described in the ITE *Trip Generation Manual, 12th Edition*;
- Trip Distribution and Assignment;
- Forecast of the 2027 No-Build Traffic Volumes;
- Peak Hour Capacity Analysis for the 2027 No-Build Conditions;
- Forecast of the 2027 Build Traffic Volumes;
- Peak Hour Capacity Analysis for the 2027 Build Conditions;
- Summary and Conclusions.

Roadway Conditions

A field investigation was conducted adjacent to the project site to obtain an inventory of existing roadway conditions, posted traffic controls, adjacent land uses, lane configurations, and existing vehicular/pedestrian traffic patterns.

Roadways

Skokie Boulevard is a north-south oriented major collector roadway under the jurisdiction of the Village of Northbrook The roadway provides two (2) travel lanes in each direction separated by a 17' center two-way left-turn lane. The posted speed limit is 40 mph.

Dundee Road (Route 68) is an east-west oriented principal arterial roadway under the jurisdiction of the Illinois Department of Transportation. The roadway provides two (2) travel lanes in each direction separated by a 12' center two-way left-turn lane with a posted speed limit of 35 mph.

Signalized Intersections

Skokie Boulevard & Dundee Road (Route 68) is a signalized four-leg intersection. The northbound and southbound approaches of Skokie Boulevard provide one (1) dedicated left-turn lane, two (2) dedicated through lanes and one (1) channelized right-turn lane. The eastbound and westbound approaches of Dundee Road (Route 68) provide one (1) dedicated left-turn lane, two (2) dedicated through lanes and one (1) dedicated right-turn lane.

Unsignalized Intersections

Dundee Road (Route 68) & Site Driveway is an unsignalized three-leg intersection with the southbound approach of the site driveway under stop-control. The southbound approach of the Site Driveway provides one (1) channelized right-turn lane. The eastbound approach of Dundee Road (Route 68) provides one (1) dedicated left-turn lane, one dedicated through lane and one shared through/right-turn lane. The westbound approach of Dundee Road (Route 68) provides one (1) shared left-turn/through lane, one (1) dedicated through lane and one (1) dedicated right-turn lane.

Skokie Boulevard & Site Driveway is an unsignalized four-leg intersection with the eastbound approach of the Site Driveway under stop-control. The northbound approach of Skokie Boulevard provides one (1) dedicated through-lane and one (1) shared through/right-turn lane. The southbound approach of Skokie Boulevard provides one (1) shared left-turn/through lane, one (1) dedicated through lane and one (1) channelized right-turn lane. The eastbound approach of the Site Driveway provides one (1) channelized right-turn lane.

Internal Roadway & Site Driveway is an unsignalized three-leg intersection under all-way stop control. The northbound approach of the Internal Roadway provides one (1) shared through/right-turn lane. The southbound approach of the Internal Roadway provides one (1) shared left-turn/through lane. The westbound approach of the Site Driveway provides one (1) shared left-turn/right-turn lane.

Internal Roadway & Internal Commercial Driveway / Eastern Site Driveway is an unsignalized four-leg intersection with the northbound approach of the Internal Commercial Driveway and southbound approach of the Eastern Site Driveway under stop-control. The northbound approach of the Internal Commercial Driveway and southbound approach of the Internal Commercial Driveway provide one (1) full movement lane. The eastbound and westbound approaches of the Internal Roadway provide one (1) full movement lane.

Internal Roadway / Western Internal Driveway & Site Driveway is an unsignalized three leg intersection with the eastbound approach of the Western Internal Driveway under stop-control. The northbound approach of the Site driveway provides one (1) shared left-turn/right-turn lane. The eastbound approach of the Western Internal Driveway provides one (1) shared through/right-turn lane. The westbound approach of the Internal Roadway provides one (1) shared left-turn/through lane.

Existing Traffic Conditions

Traffic volume data was collected within the study area to gain an understanding of the existing roadway conditions and operations through turning movement counts ("TMC") conducted on Thursday, October 9, 2025, from 7:00 AM to 9:00 PM and 4:00 PM to 6:00 PM and on Saturday, October 11, 2025, from 11:00 AM to 1:00 PM at the following intersections:

- Skokie Boulevard & Dundee Road (Route 68);
- Dundee Road (Route 68) & Site Driveway;
- Skokie Boulevard & Site Driveway;
- Internal Roadway & Site Driveway;
- Internal Roadway & Internal Commercial Driveway / Eastern Site Driveway; and
- Internal Roadway / Western Internal Driveway & Site Driveway.

The data collection efforts are detailed in **Table 1**. The processed TMC data is provided in **Appendix C**.

Table 1 – Data Collection Efforts and Established Network Peak Hours

Peak Period	Date Collected	Traffic Count Time Frame	Established Network Peak Hour
Weekday Morning	Thursday, October 9, 2025	7:00 AM – 9:00 PM	8:00 AM – 9:00 AM
Weekday Evening		4:00 PM – 6:00 PM	4:30 PM – 5:30 PM
Weekend Midday	Saturday, October 11, 2025	11:00 AM – 1:00 PM	11:30 AM – 12:30 PM

The TMC data was balanced in an upward fashion between intersections to provide a conservative analysis. A Volume Flow Diagram illustrating the Existing Conditions is provides as **Figure 3** in **Appendix B**.

Trip Generation and Distribution

Trip Generation

The site generated trips associated with the proposed development were estimated in accordance with standard methodology found within the Institute of Transportation Engineers' (ITE) publication, *Trip Generation Manual, 12th Edition*. This ITE publication sets forth trip generation rates based on traffic counts conducted at research sites throughout the country. Land Use Code 944 – Gasoline/Service Station was utilized to estimate the trip generation of the proposed development. The comprehensive trip generation worksheets are provided in **Appendix D**.

Pass-By Trips

A pass-by trip is defined by ITE as a trip that is made as an intermediate stop while traveling to the primary trip destination without route diversion. The identification of pass-by trips is important to traffic analysis, as pass-by trips are counted as part of the existing traffic volumes. As a result, the trip is not "new" to the roadway network; it already existed prior to the development being constructed. However, pass-by trips do not reduce the trip generation at the site access.

Data published within the ITE Trip Generation User's Guide and Handbook for Land Use Code 944 – Gasoline/Service Station was utilized for the proposed development. The pass-by percentages of 63%, 57% and 49% was applied during the weekday morning, weekday evening and weekend midday peak hours respectively. **Table 2** provides a summary of the site generated trips by trip type.

Table 2 – Trip Generation Summary

ITE Land Use	Size	Daily Total	AM Peak Hour			PM Peak Hour			SAT Peak		
			Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
ITE LUC 944 – Gasoline/Service Station	10 VFP	1720	57	56	113	71	71	142	62	60	122
Pass-by (63% AM / 57% PM / 49% SAT)			*36*	*36*	*72*	*41*	*41*	*82*	*30*	*30*	*62*
Total "New" Trips			**21**	**20**	**41**	**30**	**30**	**60**	**32**	**30**	**62**

Trip Distribution

Trip distribution methodology is developed based on a variety of factors. These factors include the existing travel patterns within the adjacent roadway network, adjacent land uses, proposed land uses, development locations, driveway locations, and the proximity of major arterials within the project vicinity.

"New" Trip Distribution

The following trip distribution patterns were established for "New" trips based upon a review of the existing roadway volumes, adjacent land uses, and proposed driveway configurations:

- To/From Skokie Boulevard, North of Site – 25%;
- To/From Skokie Boulevard, South of Site – 10%;
- To/From Dundee Road (Route 68), East of Site – 40%; and
- To/From Dundee Road (Route 68), West of Site – 25%.

Volume Flow Diagrams illustrating the "New" Trip Distribution and the "New" Site Generated Trips are provided as **Figures 4** and **5** in **Appendix B**.

Pass-By Trip Distribution

The following trip distribution pattern was established for pass-by trips based upon a review of the existing roadway volumes, adjacent land uses, and anticipated commuter travel patterns:

- Skokie Boulevard, Northbound – 9%, 9% and 11% (AM/PM/SAT respectively);
- Skokie Boulevard, Southbound – 17%, 27% and 22% (AM/PM/SAT respectively);
- Dundee Road (Route 68), Eastbound – 45%, 30% and 34% (AM/PM/SAT respectively); and
- Dundee Road (Route 68), Westbound – 29%, 43% and 44% (AM/PM/SAT respectively).

Volume Flow Diagrams illustrating the Pass-By Trip Distribution and the Pass-By Site Generated Trips are provided as **Figures 6** and **7** in **Appendix B**. A Volume Flow Diagram illustrating the Total Site Generated Trips is provided as **Figure 8** in **Appendix B**.

Future Traffic Conditions

To determine the traffic impact of the proposed development, an estimation of the operational traffic characteristics at the Build date, without the construction of the Project (or "No-Build" condition), is made. The existing volumes have been projected to the build-out year of 2027.

Background Growth

A general background rate of 1% was estimated based on traffic volume data published within the IDOT Annual Average Daily Traffic (AADT) Map. The growth rate was applied to the transient traffic volumes within the study area to account for general increases in traffic due to regional population and employment growth by the build year.

2027 No-Build Conditions

The 2027 No-Build traffic volumes were forecasted by applying the background growth rate to the existing traffic volumes. A Volume Flow Diagram illustrating the 2027 No-Build Conditions is provided as **Figure 9** in **Appendix B**.

2027 Build Conditions

The 2027 Build traffic volumes were forecasted by adding the site generated traffic provided in Figure 8 to the 2027 No-Build traffic volumes within the roadway network. A Volume Flow Diagram illustrating the 2027 Build Conditions is provided as **Figure 10** in **Appendix B**.

HCM Capacity Analysis

The peak hour traffic operations within the project vicinity were evaluated at the study intersection. The analyses were performed using *Synchro Version 12*, a traffic analysis and simulation program. The results of these analyses provide Levels of Service ("LOS"), volume/capacity descriptions, and average seconds of delay for the intersection movements.

The efficiency with which an intersection operates is a function of volume and capacity. The capacity of an intersection is the volume of vehicles it can accommodate during a given time period. LOS is a qualitative measure describing operational conditions within a traffic stream in terms of traffic characteristics, such as freedom to maneuver, traffic interruption, comfort, and convenience. Six (6) LOS are defined for each type of facility with analysis procedures available. Levels of Service range from "A" through "F," with Level "A" representing excellent conditions with no delays, and failure and deficient operations denoted by Level "F." The HCM LOS criteria for signalized and unsignalized intersections are summarized in the **Table 3**.

Table 3 – HCM LOS/Delay Criteria

Level of Service	Average Control Delay (sec/veh)	
	Signalized Intersections	Unsignalized Intersections
A	≤ 10	≤ 10
B	> 10 – 20	> 10 – 15
C	> 20 – 35	> 15 – 25
D	> 35 – 55	> 25 – 35
E	> 55 – 80	> 35 – 50
F	> 80	> 50

The Levels of Service for the 2025 Existing, 2027 No-Build and 2027 Build conditions are detailed in **Tables 4 & 5.** The 95th Percentile Queue Length Summary for the 2025 Existing, 2027 No-Build and 2027 Build conditions are detailed in **Tables 6 & 7**. The capacity analysis calculation worksheets are provided in **Appendix E**.

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Table 4 – Level of Service Summary (1 of 2)

Intersection	Movement		2025 Existing						2027 No-Build						2027 Build					
			AM Peak		PM Peak		SAT Peak		AM Peak		PM Peak		SAT Peak		AM Peak		PM Peak		SAT Peak	
			LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Skokie Boulevard (NB/SB) & Dundee Road (Route 68) (EB/WB)	EB	L	E	57.7	D	51.1	E	63.2	E	58.2	D	51.5	E	63.8	E	58.2	D	51.5	E	63.8
		T	B	17.7	C	22.8	B	18.7	B	17.9	C	22.9	B	19.0	B	17.7	C	22.8	B	18.9
		R	B	11.5	B	13.9	B	10.1	B	11.6	B	14.0	B	10.2	B	11.6	B	14.0	B	10.2
	WB	L	F	559.8	F	332.0	E	66.3	F	575.9	F	345.7	E	66.8	F	575.9	F	345.7	E	66.8
		T	C	24.8	C	29.7	C	23.7	C	25.3	C	30.3	C	24.2	C	25.4	C	30.4	C	24.3
		R	B	16.0	B	15.2	B	13.8	B	16.3	B	15.4	B	14.2	B	16.3	B	15.4	B	14.1
	NB	L	F	144.4	F	207.9	E	70.0	F	151.5	F	218.7	E	70.8	F	166.7	F	231.4	E	76.3
		T	D	41.3	D	38.7	D	44.7	D	41.5	D	39.0	D	44.8	D	41.4	D	38.9	D	44.8
		R	C	31.7	C	27.6	C	31.0	C	31.8	C	27.6	C	30.7	C	31.8	C	27.6	C	30.8
	SB	L	F	184.1	F	152.0	F	126.9	F	192.3	F	160.1	F	133.0	F	258.9	F	194.3	F	162.7
		T	D	40.8	E	56.8	D	43.4	D	40.9	E	60.1	D	43.5	D	41.0	E	60.9	D	43.7
		R	C	23.1	C	28.2	C	26.1	C	22.9	C	28.3	C	26.0	C	22.9	C	28.3	C	26.0
	Overall		**E**	**77.0**	**E**	**69.2**	**D**	**41.7**	**E**	**78.8**	**E**	**71.8**	**D**	**42.4**	**F**	**83.4**	**E**	**75.6**	**D**	**45.4**
Site Driveway (SB) & Dundee Road (Route 68) (EB/WB)	EB	L	B	12.5	C	16.2	B	11.3	B	12.7	C	16.7	B	11.4	B	13.4	C	17.9	B	11.8
		T	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	WB	TR	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	SB	R	B	14.4	C	23.8	B	14.1	B	14.7	C	24.9	B	14.3	C	15.1	D	27.6	B	14.8
	Overall		**A**	**0.6**	**A**	**1.5**	**A**	**1.2**	**A**	**0.6**	**A**	**1.6**	**A**	**1.2**	**A**	**0.8**	**A**	**2.1**	**A**	**1.4**

(1) Movement Operates at free-flow conditions

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Table 5 – Level of Service Summary (2 of 2)

Intersection	Movement		2025 Existing						2027 No-Build						2027 Build					
			AM Peak		PM Peak		SAT Peak		AM Peak		PM Peak		SAT Peak		AM Peak		PM Peak		SAT Peak	
			LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Skokie Boulevard (NB/SB) & Site Driveway (EB)	EB	R	B	10.3	C	15.3	B	11.4	B	10.4	C	15.6	B	11.5	B	10.6	C	16.7	B	11.9
	NB	T	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	SB	TR	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	Overall		**A**	**0.2**	**A**	**0.6**	**A**	**0.6**	**A**	**0.2**	**A**	**0.6**	**A**	**0.7**	**A**	**0.3**	**A**	**0.9**	**A**	**0.9**
Internal Roadway (NB/SB) & Site Driveway (WB)	WB	LR	A	7.0	A	7.4	A	7.4	A	7.0	A	7.4	A	7.4	A	7.5	A	7.8	A	7.7
	NB	TR	A	7.4	A	7.6	A	7.6	A	7.4	A	7.6	A	7.7	A	7.6	A	7.8	A	7.9
	SB	LT	A	7.5	A	8.0	A	8.2	A	7.5	A	8.0	A	8.2	A	7.6	A	8.1	A	8.3
	Overall		**A**	**7.4**	**A**	**7.8**	**A**	**7.9**	**A**	**7.4**	**A**	**7.8**	**A**	**7.9**	**A**	**7.6**	**A**	**7.9**	**A**	**8.0**
Internal Commercial Driveway (NB) / Eastern Internal Driveway (SB) & Internal Roadway (EB/WB)	EB	LTR	A	7.4	A	7.4	A	7.4	A	7.4	A	7.4	A	7.4	A	7.4	A	7.4	A	7.4
	WB	LTR	A	7.4	A	7.5	A	0.0	A	7.4	A	7.5	A	0.0	A	7.4	A	7.5	A	0.0
	NB	LTR	A	9.7	A	9.8	A	9.9	A	9.7	A	9.8	A	9.9	A	9.7	A	9.9	B	10.0
	SB	LTR	A	8.5	A	8.7	A	9.2	A	8.5	A	8.7	A	9.3	A	9.9	B	10.2	B	10.1
	Overall		**A**	**0.9**	**A**	**1.3**	**A**	**0.9**	**A**	**0.9**	**A**	**1.3**	**A**	**0.9**	**A**	**2.9**	**A**	**2.6**	**A**	**2.1**
Site Driveway (NB) & Western Internal Driveway (EB) / Internal Roadway (WB)	EB	TR	A	8.4	A	0.0	A	0.0	A	8.4	A	0.0	A	0.0	A	8.5	A	8.6	A	8.4
	WB	LT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	NB	LR	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	Overall		**A**	**2.2**	**A**	**0.0**	**A**	**0.0**	**A**	**2.2**	**A**	**0.0**	**A**	**0.0**	**A**	**3.6**	**A**	**3.6**	**A**	**2.4**

(1) Movement Operates at free-flow conditions

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Table 6 – 95th Percentile Queue Length Summary (1 of 2)

Intersection	Movement		Storage Length	2025 Existing			2027 No-Build			2027 Build		
				AM Peak	PM Peak	SAT Peak	AM Peak	PM Peak	SAT Peak	AM Peak	PM Peak	SAT Peak
Skokie Boulevard (NB/SB) & Dundee Road (ROUTE 68) (EB/WB)	EB	L	400′	353′	253′	345′	360′	258′	353′	360′	258′	353′
		T	>500′	298′	253′	210′	305′	260′	215′	300′	255′	213′
		R	275′	145′	150′	40′	148′	153′	43′	148′	153′	43′
	WB	L	300′	918′	653′	238′	960′	675′	240′	940′	675′	240′
		T	>500′	285′	325′	243′	293′	333′	250′	295′	338′	253′
		R	150′	83′	60′	78′	85′	65′	80′	85′	65′	80′
	NB	L	300′	278′	613′	235′	288′	640′	240′	310′	670′	258′
		T	>500′	178′	205′	185′	180′	210′	190′	180′	208′	188′
		R	280′	63′	55′	85′	68′	58′	88′	68′	58′	88′
	SB	L	400′	345′	470′	383′	358′	490′	398′	458′	575′	465′
		T	>500′	165′	355′	173′	168′	370′	178′	170′	375′	178′
		R	440′	68′	248′	88′	68′	253′	93′	68′	253′	93′
Site Driveway (SB) & Dundee Road (ROUTE 68) (EB/WB)	EB	L	50′	25′	25′	25′	25′	25′	25′	25′	32′	25′
		T	>500′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	WB	TR	475′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	SB	R	480′	25′	50′	25′	25′	55′	25′	25′	73′	28′

(1) Movement Operates at free-flow conditions

Table 7 – 95th Percentile Queue Length Summary (2 of 2)

Intersection	Movement		Storage Length	2025 Existing			2027 No-Build			2027 Build		
				AM Peak	PM Peak	SAT Peak	AM Peak	PM Peak	SAT Peak	AM Peak	PM Peak	SAT Peak
Skokie Boulevard (NB/SB) & Site Driveway (EB)	EB	R	160′	25′	25′	25′	25′	25′	25′	25′	30′	25′
	NB	T	>500′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	SB	TR	330′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Internal Roadway (NB/SB) & Site Driveway (WB)	WB	LR	90′	25′	25′	25′	25′	25′	25′	25′	25′	25′
	NB	TR	280′	25′	25′	25′	25′	25′	25′	25′	25′	25′
	SB	LT	390′	25′	25′	25′	25′	25′	25′	25′	25′	25′
Internal Commercial Driveway (NB) / Eastern Internal Driveway (SB) & Internal Roadway (EB/WB)	EB	LTR	120′	0′	0′	0′	0′	0′	0′	0′	0′	0′
	WB	LTR	280′	0′	0′	0′	0′	0′	0′	0′	0′	0′
	NB	LTR	390′	0′	25′	25′	0′	25′	25′	0′	25′	25′
	SB	LTR	260′	0′	0′	0′	0′	0′	0′	25′	25′	25′
Site Driveway (NB) & Western Internal Driveway (EB) / Internal Roadway (WB)	EB	TR	240′	25′	0′	0′	25′	0′	0′	25′	25′	25′
	WB	LT	100′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	NB	TR	50′	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(1) Movement Operates at free-flow conditions

Skokie Boulevard & Dundee Road (Route 68)

2025 Existing Analysis

Under the Existing conditions, all intersection movements will operate at Level of Service "E" or better during all peak hours studied with the exception of the westbound left, northbound left and southbound left-turning movements, which will experience delays during all peak hours studied. The intersection will operate at an overall Level of Service "E" or better all peak hours studied.

2027 No-Build Analysis

Under the No-Build condition, all intersection movements will operate at Levels of Service "E" or better during all peak hours studied with the exception of the westbound left, northbound left and

southbound left-turning movements, which will experience delays during all peak hours studied. The intersection will operate at an overall Level of Service "E" or better during all peak hours studied.

2027 Build Analysis

Under the Build condition, all intersection movements will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "E" or better during all peak hours studied with the exception of the weekday morning peak hour which will experience delays.

Dundee Road (Route 68) & Site Driveway

2025 Existing Analysis

Under the Existing conditions, all intersection movements will operate at Level of Service "C" or better during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 No-Build Analysis

Under the No-Build condition, all intersection movements will operate at Level of Service "C" or better during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 Build Analysis

Under the Build condition, all intersection movements will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during the weekday evening peak hour.

Internal Roadway & Site Driveway

2025 Existing Analysis

Under the Existing conditions, all intersection movements will operate at Level of Service "C" or better during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 No-Build Analysis

Under the No-Build condition, all intersection movements will operate at Level of Service "C" or better during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 Build Analysis

Under the Build condition, all intersection movements will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during the weekday evening peak hour.

Internal Roadway & Internal Commercial Driveway / Eastern Site Driveway

2025 Existing Analysis

Under the Existing conditions, all intersection movements will operate at Level of Service "A" during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 No-Build Analysis

Under the No-Build condition, all intersection movements will operate at Level of Service "A" during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 Build Analysis

Under the Build condition, all intersection movements will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during the weekday evening peak hour.

Internal Roadway / Western Internal Driveway & Site Driveway

2025 Existing Analysis

Under the Existing conditions, all intersection movements will operate at Level of Service "A" during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 No-Build Analysis

Under the No-Build condition, all intersection movements will operate at Level of Service "A" during all peak hours studied. The intersection will operate at an overall Level of Service "A" during all peak hours studied.

2027 Build Analysis

Under the Build condition, all intersection movements will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during the weekday evening peak hour.

Summary and Conclusions

The Traffic Impact Study evaluated the proposed convenience store/gas station within the Village of Northbrook, Cook County, Illinois. The findings of the Traffic Impact Study are summarized as follows:

1. The site is currently utilized for parking as part of Mariano's Grocery Store. The site is currently developed with a Mariano's supermarket with a total of 355 off-street parking spaces. It is proposed to construct a gas station with 10 fueling positions within the southern portion of the site.

2. The proposed development will be supported by one (1) existing right-in/left-in/right-out driveway along Dundee Road (Route 68) approximately 470' west of Skokie Boulevard and one (1) existing right-in/right-out driveway along Skokie Boulevard approximately 480' north of Dundee Road (Route 68). Direct access to the development will be supported by two (2) full access driveways along the internal roadway which extended from Dundee Road to north of Mariano's Grocery Story. These driveway currently exist as median breaks to access the parking facilities of Mariano's Grocery Store and will be repurposed as driveways upon the development of the site.

3. Under the 2027 Build conditions, all movements at the intersection of Skokie Boulevard & Dundee Road (Route 68) will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "E" or better during all peak hours studied with the exception of the weekday morning peak hour which will experience delays.

4. Under the 2027 Build conditions, all movements at the intersection of Dundee Road (Route 68) & Site Driveway will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during all peak hours studied.

5. Under the 2027 Build conditions, all movements at the intersection of the Internal Roadway & Site Driveway will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during all peak hours studied.

6. Under the 2027 Build conditions, all movements at the intersection of the Internal Roadway & Internal Commercial Driveway / Eastern Site Driveway will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during all peak hours studied.

7. Under the 2027 Build conditions, all movements at the intersection of the Internal Roadway & Western Internal Driveway & Site Driveway will continue to operate at or near No-Build Levels of Service during all peak hours studied. The intersection will continue to operate at an overall Level of Service "A" during all peak hours studied.

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Traffic Impact Study

Appendix A | TIA Scoping Correspondence

Noah Singer

From: Tyler Krause
Sent: Monday, November 3, 2025 3:56 PM
To: Noah Singer
Subject: FW: Mariano's Northbrook

From: Beladi, Aram <Aram.Beladi@northbrook.il.us>
Sent: Thursday, October 2, 2025 3:50 PM
To: Tyler Krause <tyler.krause@collierseng.com>
Cc: Alec Zukowski <alec.zukowski@collierseng.com>
Subject: RE: Mariano's Northbrook

This Message originated outside your organization.

Understood Tyler,

Unfortunately I do not have a good contact for the state in terms of getting the signal plans. I would also defer to you to apply an appropriate growth factor as we don't have a typical number we provide.

Best regards.

Aram Beladi, P.E.
Village Engineer | Village of Northbrook
655 Huehl Rd. | Northbrook, IL 60062
d: 847-664-4133

From: Tyler Krause <tyler.krause@collierseng.com>
Sent: Wednesday, October 1, 2025 2:24 PM
To: Beladi, Aram <Aram.Beladi@northbrook.il.us>
Cc: Alec Zukowski <alec.zukowski@collierseng.com>
Subject: RE: Mariano's Northbrook

I'm using Mimecast to share large files with you. Please see the attached instructions.

Beware External Email - Think Before You Act

I'm using Mimecast to share large files with you. Please see the attached instructions.

Hi Aram, thanks again for the call back. Just to confirm our conversation, we will study the intersections circled in red in the attached PDF during the weekday morning (7AM-9AM), weekday afternoon (4PM-6PM), and Saturday midday (11AM-1PM). We will also capture the existing parking supply during a typical weekday and typical Saturday from 7AM to 7PM.

All signal permit plans are held with the State. Do you have a specific contact with the state that we can reach out to?

Our data will be collected in 2025 with the development likely occurring in 2026. We typically apply a growth factor to accommodate the increase in traffic. Is there a specific growth factor for this area we should consider?

Looking forward to working with you and Village on this effort.

Thanks
Tyler Krause

Tyler Krause, P.E.
Senior Project Manager | Traffic Planning
Allentown, Pennsylvania

Colliers Engineering & Design
tyler.krause@collierseng.com
Direct: (484) 240-8116 | Cell: (610) 737-5023 | Main: 877 627 3772
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From: Tyler Krause
Sent: Wednesday, October 1, 2025 2:48 PM
To: 'Aram.Beladi@northbrook.il.us' <Aram.Beladi@northbrook.il.us>
Cc: Alec Zukowski <alec.zukowski@collierseng.com>
Subject: Mariano's Northbrook

Hi Aram, I am the traffic engineer for the development team for the gas station portion of Mariano's Northbrook. Do you have few minutes to connect this week on the traffic scope. I just wanted to make sure we were on the same page before conducting any data. I am available today until about 3:30 or tomorrow 10-1 central time.

Thanks
Tyler Krause

Tyler Krause, P.E.
Senior Project Manager | Traffic Planning
tyler.krause@collierseng.com
Direct: (484) 240-8116 | Cell: (610) 737-5023 | Main: 877 627 3772
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Prairie Grass Cafe
Spark Med Spa
Blue Chip Marketing Worldwide
RHM Staffing Solutions
IRON Financial
Empires Roofing Company
25012699P - Marianos Northbrook, IL
Marianos
Morton's The Steakhouse
Skokie Blvd
Rot Mediterranean Bowls, Salads, Pitas
Dundee Rd
Chicago Curling Club
Starbucks
Del Rd
Longacre Rd
Google Earth

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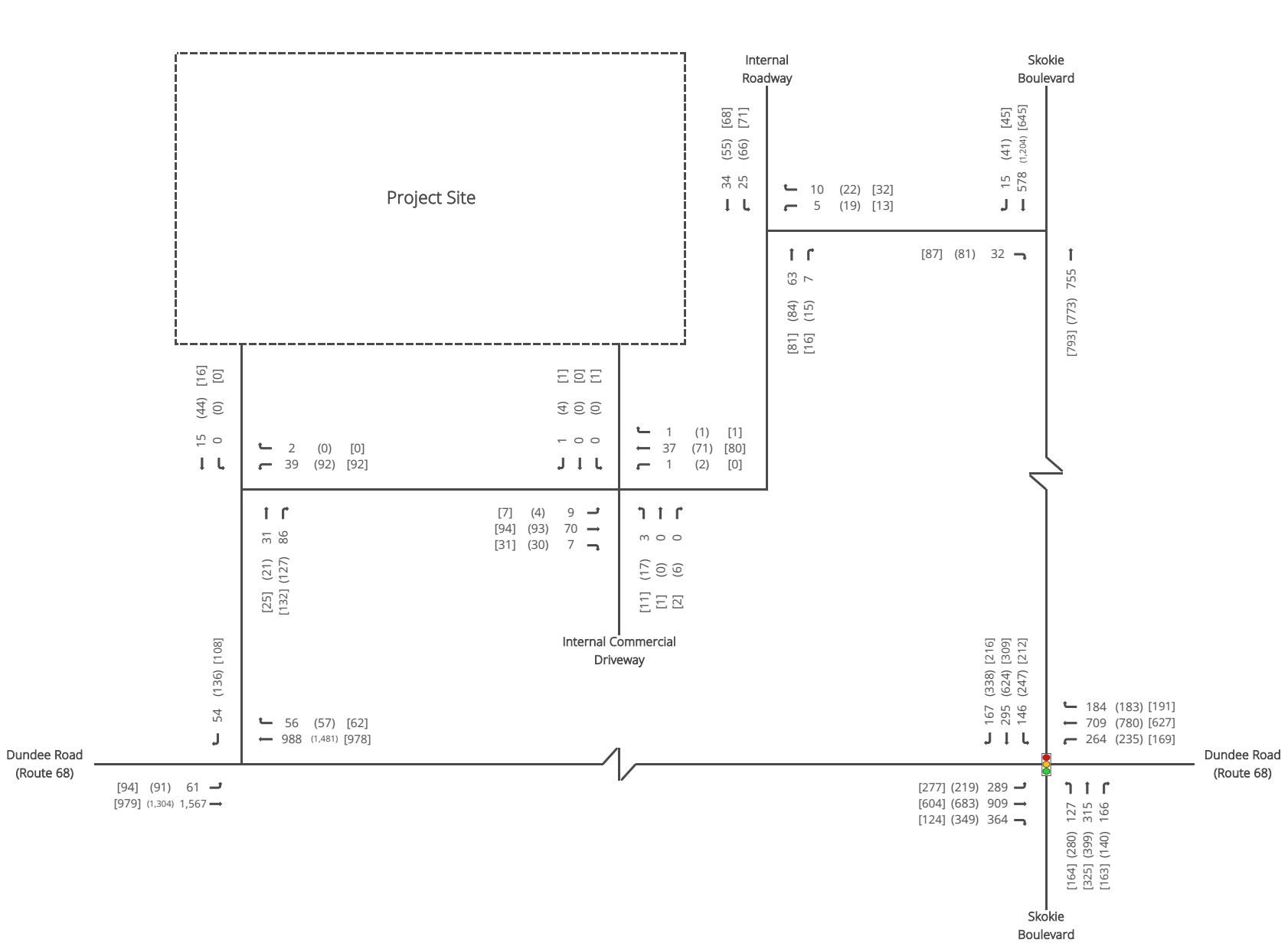
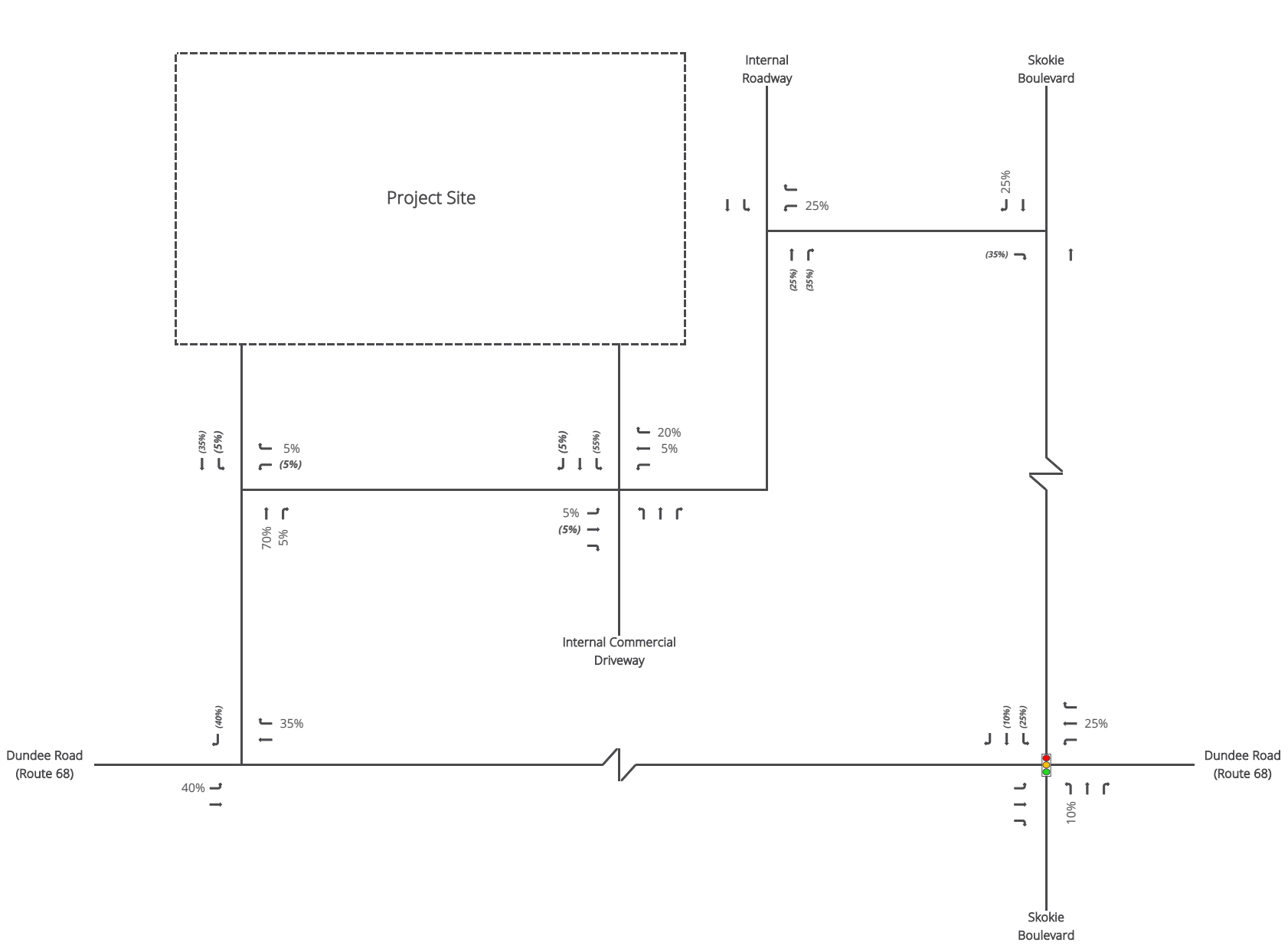
Traffic Impact Study

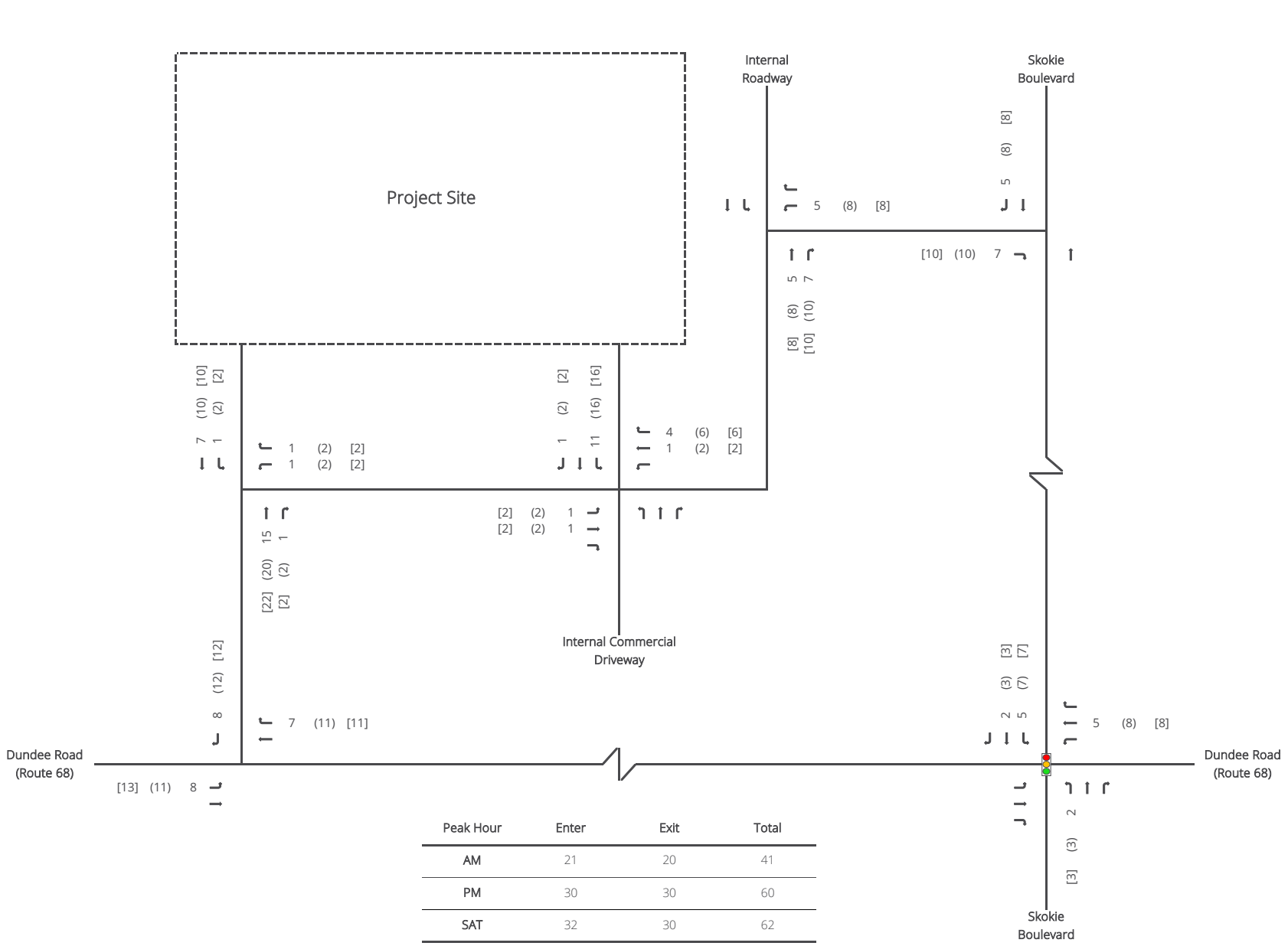
Appendix B | Traffic Figures



Colliers Engineering & Design	Mariano's Northbrook Project No. 25012699A Village of Northbrook, Cook County, Illinois	**Legend** AM Peak Hour: ### PM Peak Hour: (###) SAT Peak Hour: [###] Through Movement: Turning Movement: Signalized Intersection:	**Figure 3** **2025 Existing Conditions** **AM, PM, & SAT Peak Hours**



Colliers Engineering & Design	Mariano's Northbrook Project No. 25012699A Village of Northbrook, Cook County, Illinois	**Legend** Entering: ##% Exiting: *(##%)* Through Movement: Turning Movement: Signalized Intersection:	**Figure 4** **Primary Trip Distribution** **AM, PM, & SAT Peak Hours**



Peak Hour	Enter	Exit	Total
AM	21	20	41
PM	30	30	60
SAT	32	30	62

Colliers Engineering & Design

Mariano's Northbrook

Project No. 25012699A

Village of Northbrook, Cook County, Illinois

Legend

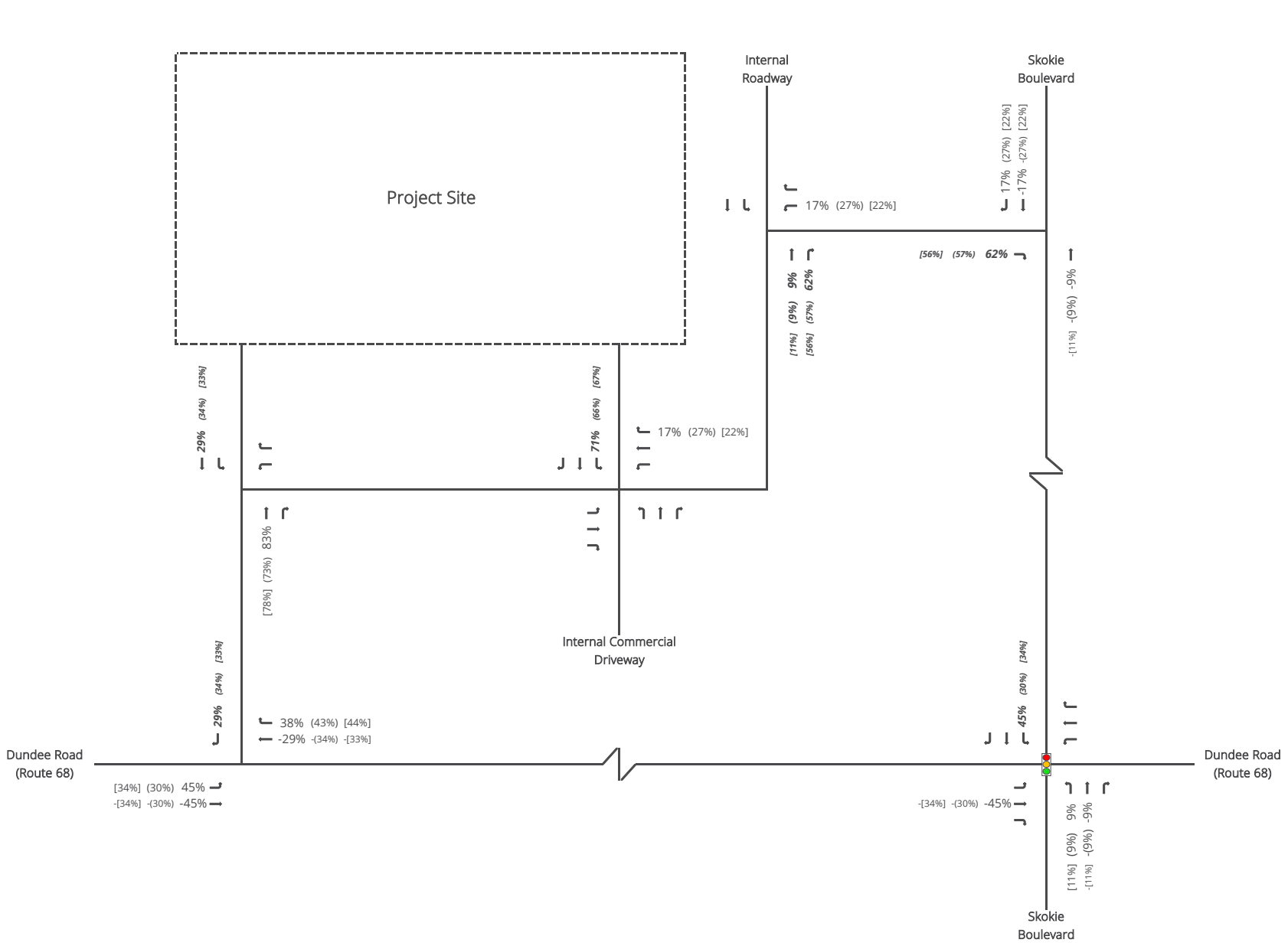
AM Peak Hour: ###
PM Peak Hour: (###)
SAT Peak Hour: [###]

Through Movement:
Turning Movement:
Signalized Intersection:

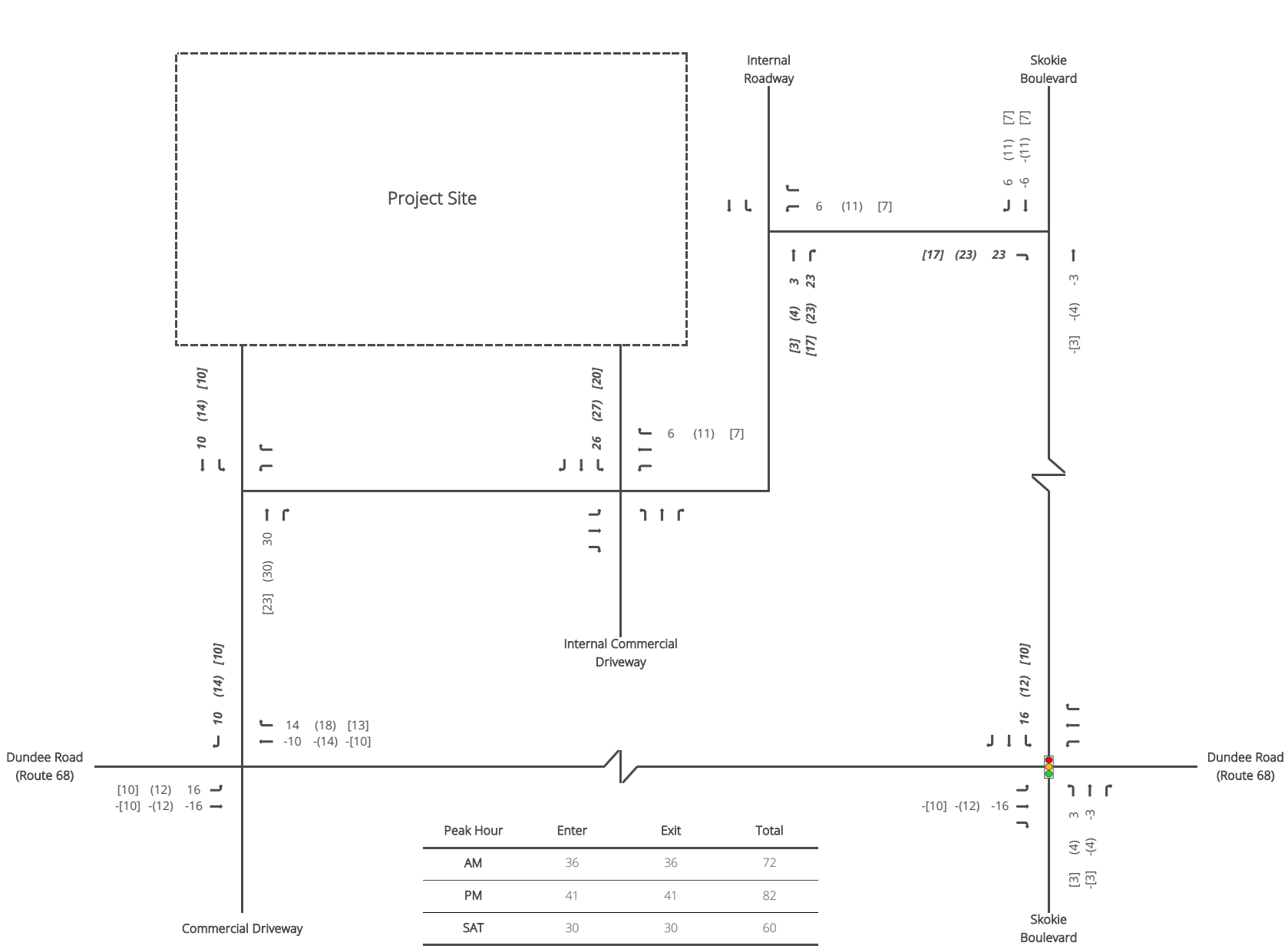
Figure 5

Primary Site Generated Trips

AM, PM, & SAT Peak Hours



Colliers Engineering & Design	Mariano's Northbrook Project No. 25012699A Village of Northbrook, Cook County, Illinois	**Legend** Entering / Exiting AM Peak Hour: ## / ***##*** PM Peak Hour: (##) / ***(##)*** SAT Peak Hour: [##] / ***[##]*** Through Movement: Turning Movement: Signalized Intersection:	**Figure 6** **Pass-By Trip Distribution** **AM, PM, & SAT Peak Hours**



Peak Hour	Enter	Exit	Total
AM	36	36	72
PM	41	41	82
SAT	30	30	60

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Mariano's Northbrook

Project No. 25012699A

Village of Northbrook, Cook County, Illinois

Legend

	Entering	Exiting
AM Peak Hour:	###	###
PM Peak Hour:	(###)	(###)
SAT Peak Hour:	[###]	[###]

Through Movement:

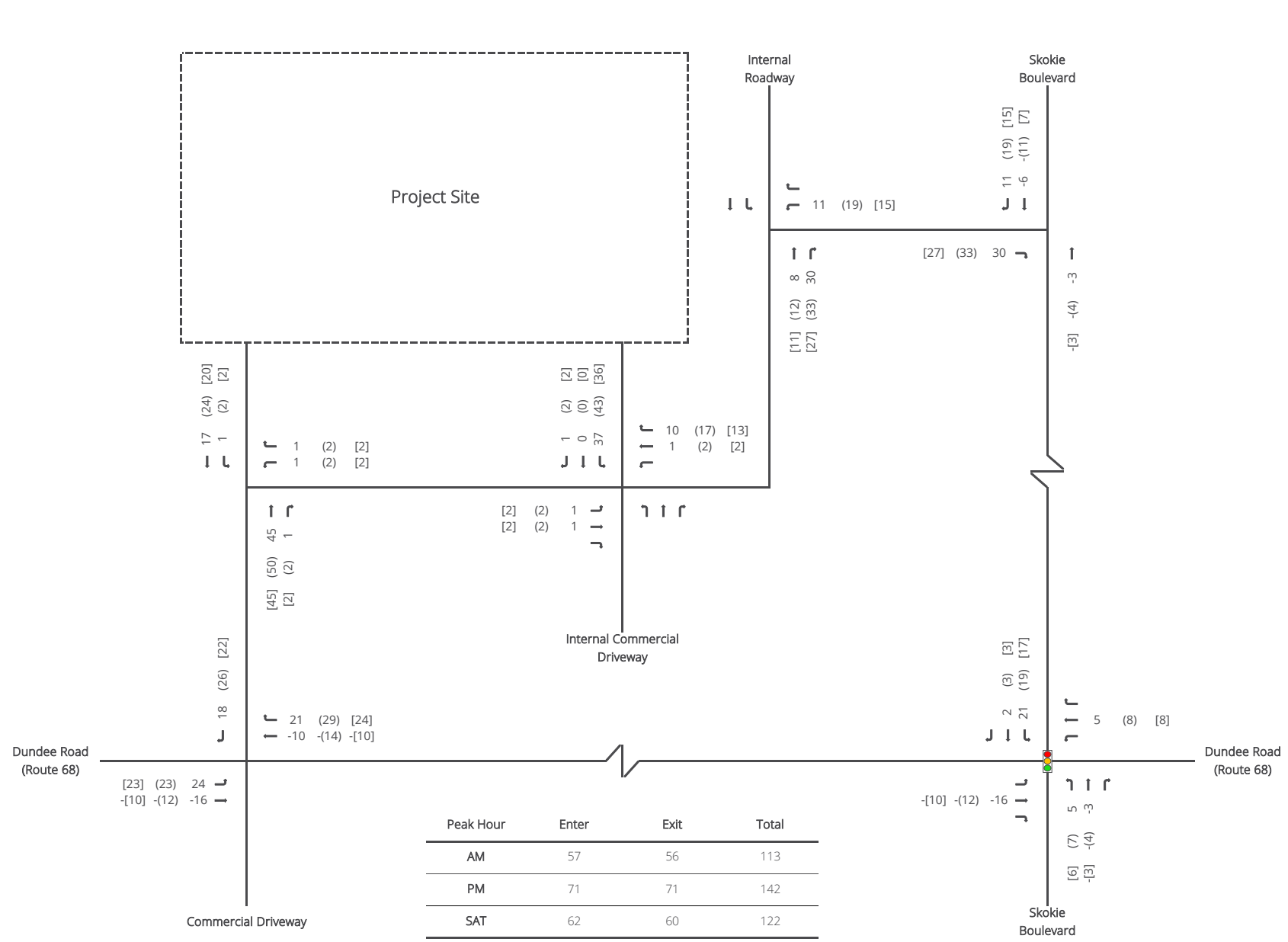
Turning Movement:

Signalized Intersection:

Figure 7

Pass-By Site Generated Trips

AM, PM, & SAT Peak Hours



Peak Hour	Enter	Exit	Total
AM	57	56	113
PM	71	71	142
SAT	62	60	122

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Mariano's Northbrook

Project No. 25012699A

Village of Northbrook, Cook County, Illinois

Legend

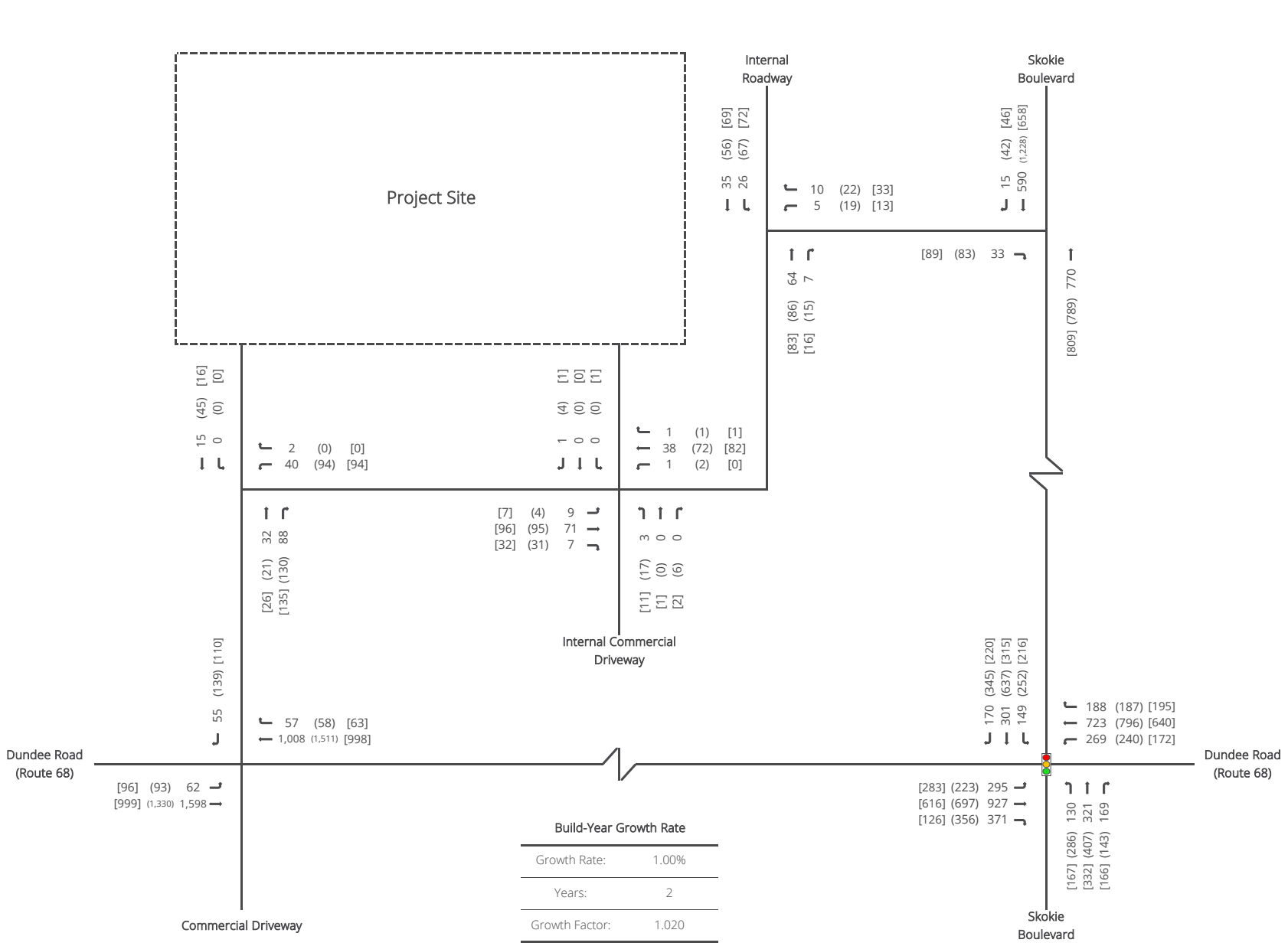
AM Peak Hour: ###
PM Peak Hour: (###)
SAT Peak Hour: [###]

Through Movement:
Turning Movement:
Signalized Intersection:

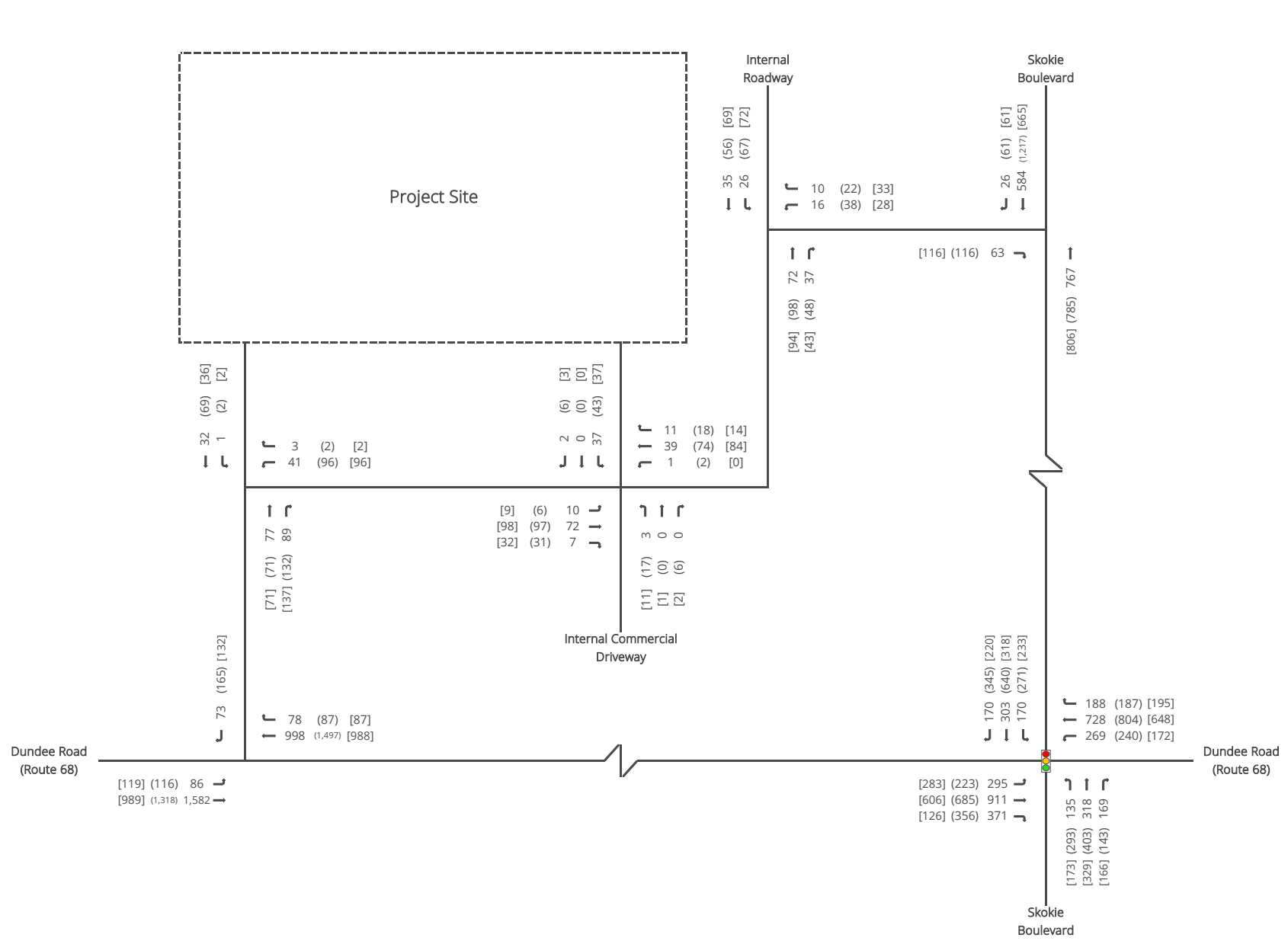
Figure 8

Total Site Generated Trips

AM, PM, & SAT Peak Hours



Colliers Engineering & Design	Mariano's Northbrook Project No. 25012699A Village of Northbrook, Cook County, Illinois	**Legend** AM Peak Hour: ### PM Peak Hour: (###) SAT Peak Hour: [###] Through Movement: Turning Movement: Signalized Intersection:	**Figure 9** **2027 No-Build Conditions** **AM, PM, & SAT Peak Hours**



Colliers Engineering & Design	Mariano's Northbrook Project No. 25012699A Village of Northbrook, Cook County, Illinois	**Legend** AM Peak Hour: ### PM Peak Hour: (###) SAT Peak Hour: [###] Through Movement: Turning Movement: Signalized Intersection:	**Figure 10** **2027 Build Conditions** **AM, PM, & SAT Peak Hours**

Colliers Engineering & Design

Traffic Impact Study

Appendix C | Traffic Count Data

Dundee Rd & Skokie Blvd - RTOR x4 - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344082, Location: 42.137918, -87.791637

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Skokie Blvd						Skokie Blvd						
Direction	Eastbound						Westbound						Northbound						Southbound						
Time	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	**Int**
2025-10-09 7:00AM	26	167	39	0	8	**240**	39	144	23	0	4	**210**	28	37	14	0	15	**94**	17	24	4	0	30	**75**	**619**
7:15AM	35	173	46	0	11	**265**	16	164	14	0	3	**197**	20	50	13	0	26	**109**	26	54	15	0	16	**111**	**682**
7:30AM	56	264	41	0	14	**375**	38	170	20	0	11	**239**	25	58	15	0	18	**116**	22	38	15	0	29	**104**	**834**
7:45AM	69	216	48	0	20	**353**	46	154	37	0	9	**246**	38	74	19	0	20	**151**	35	72	7	0	37	**151**	**901**
Hourly Total	186	820	174	0	53	**1233**	139	632	94	0	27	**892**	111	219	61	0	79	**470**	100	188	41	0	112	**441**	**3036**
8:00AM	53	187	44	0	19	**303**	75	180	30	0	14	**299**	36	82	13	0	30	**161**	30	80	18	0	21	**149**	**912**
8:15AM	80	288	79	0	36	**483**	60	197	29	0	7	**293**	25	80	23	0	18	**146**	41	62	14	0	26	**143**	**1065**
8:30AM	81	216	80	0	17	**394**	68	145	29	0	20	**262**	38	61	13	0	23	**135**	37	83	21	0	21	**162**	**953**
8:45AM	75	218	69	0	20	**382**	61	187	39	0	16	**303**	28	92	18	0	28	**166**	38	70	30	0	16	**154**	**1005**
Hourly Total	289	909	272	0	92	**1562**	264	709	127	0	57	**1157**	127	315	67	0	99	**608**	146	295	83	0	84	**608**	**3935**
4:00PM	67	174	46	0	15	**302**	52	203	27	0	15	**297**	71	128	23	0	30	**252**	60	143	36	0	48	**287**	**1138**
4:15PM	73	193	66	0	19	**351**	71	207	17	0	12	**307**	65	90	21	0	25	**201**	51	123	23	0	55	**252**	**1111**
4:30PM	51	171	53	0	26	**301**	42	206	23	1	21	**293**	66	88	16	0	11	**181**	65	147	44	0	42	**298**	**1073**
4:45PM	48	148	76	0	27	**299**	76	220	31	0	21	**348**	64	97	18	0	16	**195**	50	168	21	0	38	**277**	**1119**
Hourly Total	239	686	241	0	87	**1253**	241	836	98	1	69	**1245**	266	403	78	0	82	**829**	226	581	124	0	183	**1114**	**4441**
5:00PM	58	173	72	0	17	**320**	57	176	22	0	19	**274**	87	109	13	0	27	**236**	60	140	47	0	37	**284**	**1114**
5:15PM	62	191	57	0	21	**331**	59	178	25	0	21	**283**	63	105	19	0	20	**207**	72	169	68	0	41	**350**	**1171**
5:30PM	64	187	84	0	12	**347**	43	174	35	0	11	**263**	61	74	24	0	23	**182**	45	135	38	0	23	**241**	**1033**
5:45PM	52	185	63	0	19	**319**	52	179	39	1	17	**288**	61	92	24	0	18	**195**	60	147	32	0	35	**274**	**1076**
Hourly Total	236	736	276	0	69	**1317**	211	707	121	1	68	**1108**	272	380	80	0	88	**820**	237	591	185	0	136	**1149**	**4394**
Total	950	3151	963	0	301	**5365**	855	2884	440	2	221	**4402**	776	1317	286	0	348	**2727**	709	1655	433	0	515	**3312**	**15806**
% Approach	17.7%	58.7%	17.9%	0%	5.6%	**-**	19.4%	65.5%	10.0%	0%	5.0%	**-**	28.5%	48.3%	10.5%	0%	12.8%	**-**	21.4%	50.0%	13.1%	0%	15.5%	**-**	-
% Total	6.0%	19.9%	6.1%	0%	1.9%	**33.9%**	5.4%	18.2%	2.8%	0%	1.4%	**27.9%**	4.9%	8.3%	1.8%	0%	2.2%	**17.3%**	4.5%	10.5%	2.7%	0%	3.3%	**21.0%**	-
Lights	940	3073	946	0	299	**5258**	848	2845	432	2	219	**4346**	758	1273	280	0	347	**2658**	696	1599	423	0	496	**3214**	15476
% Lights	98.9%	97.5%	98.2%	0%	99.3%	**98.0%**	99.2%	98.6%	98.2%	100%	99.1%	**98.7%**	97.7%	96.7%	97.9%	0%	99.7%	**97.5%**	98.2%	96.6%	97.7%	0%	96.3%	**97.0%**	97.9%
Articulated Trucks	3	21	1	0	0	**25**	0	12	2	0	1	**15**	2	6	1	0	1	**10**	3	1	2	0	5	**11**	61
% Articulated Trucks	0.3%	0.7%	0.1%	0%	0%	**0.5%**	0%	0.4%	0.5%	0%	0.5%	**0.3%**	0.3%	0.5%	0.3%	0%	0.3%	**0.4%**	0.4%	0.1%	0.5%	0%	1.0%	**0.3%**	0.4%
Buses and Single-Unit Trucks	7	57	16	0	2	**82**	7	27	6	0	1	**41**	16	38	5	0	0	**59**	10	55	8	0	14	**87**	269
% Buses and Single-Unit Trucks	0.7%	1.8%	1.7%	0%	0.7%	**1.5%**	0.8%	0.9%	1.4%	0%	0.5%	**0.9%**	2.1%	2.9%	1.7%	0%	0%	**2.2%**	1.4%	3.3%	1.8%	0%	2.7%	**2.6%**	1.7%

*L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

Dundee Rd & Skokie Blvd - RTOR x4 - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344082, Location: 42.137918, -87.791637

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Skokie Blvd						Skokie Blvd						
Direction	Eastbound						Westbound						Northbound						Southbound						
Time	L	T	R	U	RR	App	L	T	R	U	RR	App	L	T	R	U	RR	App	L	T	R	U	RR	App	Int
2025-10-09 8:00AM	53	187	44	0	19	**303**	75	180	30	0	14	**299**	36	82	13	0	30	**161**	30	80	18	0	21	**149**	**912**
8:15AM	80	288	79	0	36	**483**	60	197	29	0	7	**293**	25	80	23	0	18	**146**	41	62	14	0	26	**143**	**1065**
8:30AM	81	216	80	0	17	**394**	68	145	29	0	20	**262**	38	61	13	0	23	**135**	37	83	21	0	21	**162**	**953**
8:45AM	75	218	69	0	20	**382**	61	187	39	0	16	**303**	28	92	18	0	28	**166**	38	70	30	0	16	**154**	**1005**
Total	289	909	272	0	92	**1562**	264	709	127	0	57	**1157**	127	315	67	0	99	**608**	146	295	83	0	84	**608**	**3935**
% Approach	18.5%	58.2%	17.4%	0%	5.9%	**-**	22.8%	61.3%	11.0%	0%	4.9%	**-**	20.9%	51.8%	11.0%	0%	16.3%	**-**	24.0%	48.5%	13.7%	0%	13.8%	**-**	-
% Total	7.3%	23.1%	6.9%	0%	2.3%	**39.7%**	6.7%	18.0%	3.2%	0%	1.4%	**29.4%**	3.2%	8.0%	1.7%	0%	2.5%	**15.5%**	3.7%	7.5%	2.1%	0%	2.1%	**15.5%**	-
PHF	0.892	0.789	0.850	-	0.639	**0.808**	0.880	0.900	0.814	-	0.713	**0.955**	0.836	0.856	0.728	-	0.825	**0.916**	0.890	0.889	0.692	-	0.808	**0.938**	0.924
Lights	286	885	262	0	91	**1524**	261	695	123	0	56	**1135**	120	307	66	0	99	**592**	143	273	80	0	82	**578**	3829
% Lights	99.0%	97.4%	96.3%	0%	98.9%	**97.6%**	98.9%	98.0%	96.9%	0%	98.2%	**98.1%**	94.5%	97.5%	98.5%	0%	100%	**97.4%**	97.9%	92.5%	96.4%	0%	97.6%	**95.1%**	97.3%
Articulated Trucks	2	8	1	0	0	**11**	0	8	0	0	0	**8**	0	2	0	0	0	**2**	1	1	1	0	0	**3**	24
% Articulated Trucks	0.7%	0.9%	0.4%	0%	0%	**0.7%**	0%	1.1%	0%	0%	0%	**0.7%**	0%	0.6%	0%	0%	0%	**0.3%**	0.7%	0.3%	1.2%	0%	0%	**0.5%**	0.6%
Buses and Single-Unit Trucks	1	16	9	0	1	**27**	3	6	4	0	1	**14**	7	6	1	0	0	**14**	2	21	2	0	2	**27**	82
% Buses and Single-Unit Trucks	0.3%	1.8%	3.3%	0%	1.1%	**1.7%**	1.1%	0.8%	3.1%	0%	1.8%	**1.2%**	5.5%	1.9%	1.5%	0%	0%	**2.3%**	1.4%	7.1%	2.4%	0%	2.4%	**4.4%**	2.1%

*L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

Dundee Rd & Skokie Blvd - RTOR x4 - TMC

Thu Oct 9, 2025
PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344082, Location: 42.137918, -87.791637

GEWALT HAMILTON ASSOCIATES, INC.
Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Skokie Blvd						Skokie Blvd						
Direction	Eastbound						Westbound						Northbound						Southbound						
Time	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	L	T	R	U	RR	**App**	**Int**
2025-10-09 4:30PM	51	171	53	0	26	**301**	42	206	23	1	21	**293**	66	88	16	0	11	**181**	65	147	44	0	42	**298**	**1073**
4:45PM	48	148	76	0	27	**299**	76	220	31	0	21	**348**	64	97	18	0	16	**195**	50	168	21	0	38	**277**	**1119**
5:00PM	58	173	72	0	17	**320**	57	176	22	0	19	**274**	87	109	13	0	27	**236**	60	140	47	0	37	**284**	**1114**
5:15PM	62	191	57	0	21	**331**	59	178	25	0	21	**283**	63	105	19	0	20	**207**	72	169	68	0	41	**350**	**1171**
Total	219	683	258	0	91	**1251**	234	780	101	1	82	**1198**	280	399	66	0	74	**819**	247	624	180	0	158	**1209**	**4477**
% Approach	17.5%	54.6%	20.6%	0%	7.3%	**-**	19.5%	65.1%	8.4%	0.1%	6.8%	**-**	34.2%	48.7%	8.1%	0%	9.0%	**-**	20.4%	51.6%	14.9%	0%	13.1%	**-**	-
% Total	4.9%	15.3%	5.8%	0%	2.0%	**27.9%**	5.2%	17.4%	2.3%	0%	1.8%	**26.8%**	6.3%	8.9%	1.5%	0%	1.7%	**18.3%**	5.5%	13.9%	4.0%	0%	3.5%	**27.0%**	-
PHF	0.883	0.894	0.849	-	0.843	**0.945**	0.770	0.886	0.815	0.250	0.976	**0.861**	0.805	0.915	0.868	-	0.685	**0.868**	0.858	0.923	0.662	-	0.940	**0.864**	0.956
Lights	217	677	254	0	90	**1238**	231	774	101	1	81	**1188**	278	397	66	0	73	**814**	242	619	179	0	156	**1196**	4436
% Lights	99.1%	99.1%	98.4%	0%	98.9%	**99.0%**	98.7%	99.2%	100%	100%	98.8%	**99.2%**	99.3%	99.5%	100%	0%	98.6%	**99.4%**	98.0%	99.2%	99.4%	0%	98.7%	**98.9%**	99.1%
Articulated Trucks	0	1	0	0	0	**1**	0	1	0	0	1	**2**	0	1	0	0	1	**2**	1	0	0	0	0	**1**	6
% Articulated Trucks	0%	0.1%	0%	0%	0%	**0.1%**	0%	0.1%	0%	0%	1.2%	**0.2%**	0%	0.3%	0%	0%	1.4%	**0.2%**	0.4%	0%	0%	0%	0%	**0.1%**	0.1%
Buses and Single-Unit Trucks	2	5	4	0	1	**12**	3	5	0	0	0	**8**	2	1	0	0	0	**3**	4	5	1	0	2	**12**	35
% Buses and Single-Unit Trucks	0.9%	0.7%	1.6%	0%	1.1%	**1.0%**	1.3%	0.6%	0%	0%	0%	**0.7%**	0.7%	0.3%	0%	0%	0%	**0.4%**	1.6%	0.8%	0.6%	0%	1.3%	**1.0%**	0.8%

*L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

Dundee Rd & Skokie Blvd - RTOR x4 - TMC

Sat Oct 11, 2025
Midday Peak (WKND) (11:30 AM - 12:30 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344083, Location: 42.137918, -87.791637

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Skokie Blvd						Skokie Blvd						
Direction	Eastbound						Westbound						Northbound						Southbound						
Time	L	T	R	U	RR	App	L	T	R	U	RR	App	L	T	R	U	RR	App	L	T	R	U	RR	App	Int
2025-10-11 11:30AM	64	158	28	0	5	**255**	41	158	25	0	15	**239**	43	66	19	0	12	**140**	55	60	23	0	30	**168**	**802**
11:45AM	73	148	18	0	12	**251**	42	147	42	0	21	**252**	45	105	24	0	20	**194**	50	91	23	0	29	**193**	**890**
12:00PM	78	146	17	0	14	**255**	46	151	38	0	10	**245**	41	64	25	0	15	**145**	54	73	33	0	29	**189**	**834**
12:15PM	62	152	24	0	6	**244**	40	171	31	0	9	**251**	35	90	25	0	23	**173**	53	85	29	0	20	**187**	**855**
Total	277	604	87	0	37	**1005**	169	627	136	0	55	**987**	164	325	93	0	70	**652**	212	309	108	0	108	**737**	**3381**
% Approach	27.6%	60.1%	8.7%	0%	3.7%	**-**	17.1%	63.5%	13.8%	0%	5.6%	**-**	25.2%	49.8%	14.3%	0%	10.7%	**-**	28.8%	41.9%	14.7%	0%	14.7%	**-**	-
% Total	8.2%	17.9%	2.6%	0%	1.1%	**29.7%**	5.0%	18.5%	4.0%	0%	1.6%	**29.2%**	4.9%	9.6%	2.8%	0%	2.1%	**19.3%**	6.3%	9.1%	3.2%	0%	3.2%	**21.8%**	-
PHF	0.888	0.956	0.777	-	0.661	**0.985**	0.918	0.917	0.810	-	0.655	**0.979**	0.911	0.774	0.930	-	0.761	**0.840**	0.964	0.849	0.818	-	0.900	**0.955**	0.950
Lights	275	597	85	0	36	**993**	168	621	134	0	55	**978**	162	324	91	0	70	**647**	212	308	107	0	106	**733**	3351
% Lights	99.3%	98.8%	97.7%	0%	97.3%	**98.8%**	99.4%	99.0%	98.5%	0%	100%	**99.1%**	98.8%	99.7%	97.8%	0%	100%	**99.2%**	100%	99.7%	99.1%	0%	98.1%	**99.5%**	99.1%
Articulated Trucks	0	1	0	0	1	**2**	0	1	0	0	0	**1**	0	0	0	0	0	**0**	0	0	0	0	1	**1**	4
% Articulated Trucks	0%	0.2%	0%	0%	2.7%	**0.2%**	0%	0.2%	0%	0%	0%	**0.1%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0.9%	**0.1%**	0.1%
Buses and Single-Unit Trucks	2	6	2	0	0	**10**	1	5	2	0	0	**8**	2	1	2	0	0	**5**	0	1	1	0	1	**3**	26
% Buses and Single-Unit Trucks	0.7%	1.0%	2.3%	0%	0%	**1.0%**	0.6%	0.8%	1.5%	0%	0%	**0.8%**	1.2%	0.3%	2.2%	0%	0%	**0.8%**	0%	0.3%	0.9%	0%	0.9%	**0.4%**	0.8%

*L: Left, R: Right, RR: Right on red, T: Thru, U: U-Turn

Dundee Road (SR 68) and Site Access - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344072, Location: 42.137974, -87.79377

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Car Wash Access						Site Access						Southwest						
Direction	Eastbound						Westbound						Northbound						Southbound						Northeastbound						
Time	L	T	R	HR	U	App	L	BL	T	R	U	App	HL	L	T	R	U	App	L	T	BR	R	U	App	HL	BL	BR	HR	U	App	Int
2025-10-09 7:00AM	6	255	1	0	0	**262**	0	0	187	6	0	**193**	0	0	0	0	0	**0**	0	0	0	10	0	**10**	0	0	0	0	0	**0**	**465**
7:15AM	11	266	2	1	0	**280**	0	0	229	3	0	**232**	0	0	0	0	0	**0**	0	0	0	13	0	**13**	1	0	0	0	0	**1**	**526**
7:30AM	14	373	3	1	0	**391**	0	0	238	7	0	**245**	0	0	0	0	0	**0**	0	0	0	14	0	**14**	0	0	0	0	0	**0**	**650**
7:45AM	10	361	1	0	0	**372**	0	0	239	7	0	**246**	0	0	0	0	0	**0**	0	0	0	13	0	**13**	0	0	0	0	0	**0**	**631**
Hourly Total	41	1255	7	2	0	**1305**	0	0	893	23	0	**916**	0	0	0	0	0	**0**	0	0	0	50	0	**50**	1	0	0	0	0	**1**	**2272**
8:00AM	6	300	1	0	0	**307**	0	0	254	16	0	**270**	0	0	0	0	0	**0**	0	0	0	15	0	**15**	0	0	0	0	0	**0**	**592**
8:15AM	15	479	5	0	0	**499**	1	0	272	5	0	**278**	0	0	0	0	0	**0**	0	0	0	15	0	**15**	1	0	0	0	0	**1**	**793**
8:30AM	17	395	3	2	0	**417**	2	0	209	13	0	**224**	0	0	0	0	0	**0**	0	0	0	5	0	**5**	1	0	0	0	0	**1**	**647**
8:45AM	16	393	0	0	0	**409**	0	0	253	16	0	**269**	0	0	0	0	0	**0**	0	0	0	19	0	**19**	0	0	0	0	0	**0**	**697**
Hourly Total	54	1567	9	2	0	**1632**	3	0	988	50	0	**1041**	0	0	0	0	0	**0**	0	0	0	54	0	**54**	2	0	0	0	0	**2**	**2729**
4:00PM	24	287	3	1	0	**315**	3	0	356	12	0	**371**	0	0	0	0	0	**0**	0	0	0	35	0	**35**	1	0	3	0	0	**4**	**725**
4:15PM	27	337	0	0	1	**365**	0	1	355	11	0	**367**	0	0	0	0	0	**0**	0	0	0	30	0	**30**	0	0	1	0	0	**1**	**763**
4:30PM	23	310	2	0	0	**335**	0	0	364	16	0	**380**	0	0	0	0	0	**0**	0	0	0	30	0	**30**	0	0	0	0	0	**0**	**745**
4:45PM	24	321	0	3	0	**348**	0	0	361	9	0	**370**	0	0	0	0	0	**0**	0	0	0	31	0	**31**	0	0	0	0	0	**0**	**749**
Hourly Total	98	1255	5	4	1	**1363**	3	1	1436	48	0	**1488**	0	0	0	0	0	**0**	0	0	0	126	0	**126**	1	0	4	0	0	**5**	**2982**
5:00PM	20	339	0	1	0	**360**	0	1	368	15	0	**384**	0	0	0	0	0	**0**	0	0	0	43	0	**43**	0	0	0	0	0	**0**	**787**
5:15PM	22	334	1	0	0	**357**	0	1	388	16	0	**405**	0	0	0	0	0	**0**	0	0	0	32	0	**32**	0	0	0	0	0	**0**	**794**
5:30PM	26	344	0	0	0	**370**	0	1	310	18	0	**329**	0	0	0	1	0	**1**	0	0	0	25	0	**25**	2	0	0	0	0	**2**	**727**
5:45PM	19	336	0	0	0	**355**	0	1	328	20	0	**349**	0	0	0	0	0	**0**	1	0	0	31	0	**32**	0	0	0	0	0	**0**	**736**
Hourly Total	87	1353	1	1	0	**1442**	0	4	1394	69	0	**1467**	0	0	0	1	0	**1**	1	0	0	131	0	**132**	2	0	0	0	0	**2**	**3044**
Total	280	5430	22	9	1	**5742**	6	5	4711	190	0	**4912**	0	0	0	1	0	**1**	1	0	0	361	0	**362**	6	0	4	0	0	**10**	**11027**
% Approach	4.9%	94.6%	0.4%	0.2%	0%	**-**	0.1%	0.1%	95.9%	3.9%	0%	**-**	0%	0%	0%	100%	0%	**-**	0.3%	0%	0%	99.7%	0%	**-**	60.0%	0%	40.0%	0%	0%	**-**	-
% Total	2.5%	49.2%	0.2%	0.1%	0%	**52.1%**	0.1%	0%	42.7%	1.7%	0%	**44.5%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	3.3%	0%	**3.3%**	0.1%	0%	0%	0%	0%	**0.1%**	-
Lights	274	5314	22	9	1	**5620**	6	5	4597	184	0	**4792**	0	0	0	1	0	**1**	1	0	0	352	0	**353**	6	0	4	0	0	**10**	10776
% Lights	97.9%	97.9%	100%	100%	100%	**97.9%**	100%	100%	97.6%	96.8%	0%	**97.6%**	0%	0%	0%	100%	0%	**100%**	100%	0%	0%	97.5%	0%	**97.5%**	100%	0%	100%	0%	0%	**100%**	97.7%
Articulated Trucks	3	13	0	0	0	**16**	0	0	38	2	0	**40**	0	0	0	0	0	**0**	0	0	0	1	0	**1**	0	0	0	0	0	**0**	57
% Articulated Trucks	1.1%	0.2%	0%	0%	0%	**0.3%**	0%	0%	0.8%	1.1%	0%	**0.8%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0.3%	0%	**0.3%**	0%	0%	0%	0%	0%	**0%**	0.5%
Buses and Single-Unit Trucks	3	103	0	0	0	**106**	0	0	76	4	0	**80**	0	0	0	0	0	**0**	0	0	0	8	0	**8**	0	0	0	0	0	**0**	194
% Buses and Single-Unit Trucks	1.1%	1.9%	0%	0%	0%	**1.8%**	0%	0%	1.6%	2.1%	0%	**1.6%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	2.2%	0%	**2.2%**	0%	0%	0%	0%	0%	**0%**	1.8%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Dundee Road (SR 68) and Site Access - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344072, Location: 42.137974, -87.79377

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Car Wash Access						Site Access						Southwest						
Direction	Eastbound						Westbound						Northbound						Southbound						Northeastbound						
Time	L	T	R	HR	U	App	L	BL	T	R	U	App	HL	L	T	R	U	App	L	T	BR	R	U	App	HL	BL	BR	HR	U	App	Int
2025-10-09 8:00AM	6	300	1	0	0	**307**	0	0	254	16	0	**270**	0	0	0	0	0	**0**	0	0	0	15	0	**15**	0	0	0	0	0	**0**	**592**
8:15AM	15	479	5	0	0	**499**	1	0	272	5	0	**278**	0	0	0	0	0	**0**	0	0	0	15	0	**15**	1	0	0	0	0	**1**	**793**
8:30AM	17	395	3	2	0	**417**	2	0	209	13	0	**224**	0	0	0	0	0	**0**	0	0	0	5	0	**5**	1	0	0	0	0	**1**	**647**
8:45AM	16	393	0	0	0	**409**	0	0	253	16	0	**269**	0	0	0	0	0	**0**	0	0	0	19	0	**19**	0	0	0	0	0	**0**	**697**
Total	54	1567	9	2	0	**1632**	3	0	988	50	0	**1041**	0	0	0	0	0	**0**	0	0	0	54	0	**54**	2	0	0	0	0	**2**	**2729**
% Approach	3.3%	96.0%	0.6%	0.1%	0%	**-**	0.3%	0%	94.9%	4.8%	0%	**-**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	100%	0%	**-**	100%	0%	0%	0%	0%	**-**	-
% Total	2.0%	57.4%	0.3%	0.1%	0%	**59.8%**	0.1%	0%	36.2%	1.8%	0%	**38.1%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	2.0%	0%	**2.0%**	0.1%	0%	0%	0%	0%	**0.1%**	-
PHF	0.794	0.818	0.450	0.250	-	**0.818**	0.375	-	0.908	0.781	-	**0.936**	-	-	-	-	-	**-**	-	-	-	0.711	-	**0.711**	0.500	-	-	-	-	**0.500**	0.860
Lights	51	1528	9	2	0	**1590**	3	0	960	48	0	**1011**	0	0	0	0	0	**0**	0	0	0	54	0	**54**	2	0	0	0	0	**2**	2657
% Lights	94.4%	97.5%	100%	100%	0%	**97.4%**	100%	0%	97.2%	96.0%	0%	**97.1%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	100%	0%	**100%**	100%	0%	0%	0%	0%	**100%**	97.4%
Articulated Trucks	2	6	0	0	0	**8**	0	0	13	0	0	**13**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	21
% Articulated Trucks	3.7%	0.4%	0%	0%	0%	**0.5%**	0%	0%	1.3%	0%	0%	**1.2%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	0.8%
Buses and Single-Unit Trucks	1	33	0	0	0	**34**	0	0	15	2	0	**17**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	51
% Buses and Single-Unit Trucks	1.9%	2.1%	0%	0%	0%	**2.1%**	0%	0%	1.5%	4.0%	0%	**1.6%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	1.9%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Dundee Road (SR 68) and Site Access - TMC

Thu Oct 9, 2025
PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344072, Location: 42.137974, -87.79377

GEWALT HAMILTON ASSOCIATES, INC.
Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Car Wash Access						Site Access						Southwest						
Direction	Eastbound						Westbound						Northbound						Southbound						Northeastbound						
Time	L	T	R	HR	U	App	L	BL	T	R	U	App	HL	L	T	R	U	App	L	T	BR	R	U	App	HL	BL	BR	HR	U	App	Int
2025-10-09 4:30PM	23	310	2	0	0	**335**	0	0	364	16	0	**380**	0	0	0	0	0	**0**	0	0	0	30	0	**30**	0	0	0	0	0	**0**	**745**
4:45PM	24	321	0	3	0	**348**	0	0	361	9	0	**370**	0	0	0	0	0	**0**	0	0	0	31	0	**31**	0	0	0	0	0	**0**	**749**
5:00PM	20	339	0	1	0	**360**	0	1	368	15	0	**384**	0	0	0	0	0	**0**	0	0	0	43	0	**43**	0	0	0	0	0	**0**	**787**
5:15PM	22	334	1	0	0	**357**	0	1	388	16	0	**405**	0	0	0	0	0	**0**	0	0	0	32	0	**32**	0	0	0	0	0	**0**	**794**
Total	89	1304	3	4	0	**1400**	0	2	1481	56	0	**1539**	0	0	0	0	0	**0**	0	0	0	136	0	**136**	0	0	0	0	0	**0**	**3075**
% Approach	6.4%	93.1%	0.2%	0.3%	0%	**-**	0%	0.1%	96.2%	3.6%	0%	**-**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	100%	0%	**-**	0%	0%	0%	0%	0%	**-**	-
% Total	2.9%	42.4%	0.1%	0.1%	0%	**45.5%**	0%	0.1%	48.2%	1.8%	0%	**50.0%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	4.4%	0%	**4.4%**	0%	0%	0%	0%	0%	**0%**	-
PHF	0.927	0.962	0.375	0.333	-	**0.972**	-	0.500	0.954	0.875	-	**0.950**	-	-	-	-	-	**-**	-	-	-	0.791	-	**0.791**	-	-	-	-	-	**-**	0.968
Lights	88	1290	3	4	0	**1385**	0	2	1446	56	0	**1504**	0	0	0	0	0	**0**	0	0	0	136	0	**136**	0	0	0	0	0	**0**	3025
% Lights	98.9%	98.9%	100%	100%	0%	**98.9%**	0%	100%	97.6%	100%	0%	**97.7%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	100%	0%	**100%**	0%	0%	0%	0%	0%	**-**	98.4%
Articulated Trucks	1	1	0	0	0	**2**	0	0	4	0	0	**4**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	6
% Articulated Trucks	1.1%	0.1%	0%	0%	0%	**0.1%**	0%	0%	0.3%	0%	0%	**0.3%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**-**	0.2%
Buses and Single-Unit Trucks	0	13	0	0	0	**13**	0	0	31	0	0	**31**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	44
% Buses and Single-Unit Trucks	0%	1.0%	0%	0%	0%	**0.9%**	0%	0%	2.1%	0%	0%	**2.0%**	0%	0%	0%	0%	0%	**-**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**-**	1.4%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Dundee Road (SR 68) and Site Access - TMC

Sat Oct 11, 2025
Midday Peak (WKND) (11:30 AM - 12:30 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344077, Location: 42.137974, -87.79377

GEWALT HAMILTON ASSOCIATES, INC.
Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Dundee Rd (SR 68)						Dundee Rd (SR 68)						Car Wash Access						Site Access						Southwest						
Direction	Eastbound						Westbound						Northbound						Southbound						Northeastbound						
Time	L	T	R	HR	U	App	L	BL	T	R	U	App	HL	L	T	R	U	App	L	T	BR	R	U	App	HL	BL	BR	HR	U	App	Int
2025-10-11 11:30AM	20	257	2	1	0	**280**	1	0	247	17	0	**265**	0	0	0	0	0	**0**	0	0	0	24	0	**24**	0	0	0	0	0	**0**	**569**
11:45AM	20	242	3	0	0	**265**	3	1	239	15	0	**258**	0	0	0	2	0	**2**	1	0	0	29	0	**30**	2	0	1	0	0	**3**	**558**
12:00PM	31	243	1	2	0	**277**	0	1	245	11	0	**257**	0	0	0	1	0	**1**	0	0	0	26	0	**26**	1	0	1	0	0	**2**	**563**
12:15PM	22	237	1	0	0	**260**	1	1	247	18	0	**267**	0	0	0	0	0	**0**	0	0	0	29	0	**29**	0	1	0	0	0	**1**	**557**
Total	93	979	7	3	0	**1082**	5	3	978	61	0	**1047**	0	0	0	3	0	**3**	1	0	0	108	0	**109**	3	1	2	0	0	**6**	**2247**
% Approach	8.6%	90.5%	0.6%	0.3%	0%	**-**	0.5%	0.3%	93.4%	5.8%	0%	**-**	0%	0%	0%	100%	0%	**-**	0.9%	0%	0%	99.1%	0%	**-**	50.0%	16.7%	33.3%	0%	0%	**-**	-
% Total	4.1%	43.6%	0.3%	0.1%	0%	**48.2%**	0.2%	0.1%	43.5%	2.7%	0%	**46.6%**	0%	0%	0%	0.1%	0%	**0.1%**	0%	0%	0%	4.8%	0%	**4.9%**	0.1%	0%	0.1%	0%	0%	**0.3%**	-
PHF	0.750	0.952	0.583	0.375	-	**0.966**	0.417	0.750	0.990	0.847	-	**0.980**	-	-	-	0.375	-	**0.375**	0.250	-	-	0.931	-	**0.908**	0.375	0.250	0.500	-	-	**0.500**	0.987
Lights	93	970	7	3	0	**1073**	5	3	968	61	0	**1037**	0	0	0	3	0	**3**	1	0	0	108	0	**109**	3	1	2	0	0	**6**	2228
% Lights	100%	99.1%	100%	100%	0%	**99.2%**	100%	100%	99.0%	100%	0%	**99.0%**	0%	0%	0%	100%	0%	**100%**	100%	0%	0%	100%	0%	**100%**	100%	100%	100%	0%	0%	**100%**	99.2%
Articulated Trucks	0	1	0	0	0	**1**	0	0	1	0	0	**1**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	2
% Articulated Trucks	0%	0.1%	0%	0%	0%	**0.1%**	0%	0%	0.1%	0%	0%	**0.1%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	0.1%
Buses and Single-Unit Trucks	0	8	0	0	0	**8**	0	0	9	0	0	**9**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	0	0	0	0	0	**0**	17
% Buses and Single-Unit Trucks	0%	0.8%	0%	0%	0%	**0.7%**	0%	0%	0.9%	0%	0%	**0.9%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	0%	**0%**	0.8%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Skokie Boulevard and Site Access - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344073, Location: 42.139327, -87.792604

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Site Access					Driveway Access					Skokie Blvd					Skokie Blvd					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	**Int**
2025-10-09 7:00AM	0	0	6	0	**6**	0	0	0	0	**0**	1	90	1	0	**92**	0	71	0	0	**71**	**169**
7:15AM	0	0	4	0	**4**	0	0	0	0	**0**	1	98	4	0	**103**	2	109	1	0	**112**	**219**
7:30AM	0	0	2	0	**2**	0	0	0	0	**0**	1	143	7	1	**152**	1	108	1	0	**110**	**264**
7:45AM	0	0	4	0	**4**	1	1	0	0	**2**	1	179	8	0	**188**	0	145	2	0	**147**	**341**
Hourly Total	0	0	16	0	**16**	1	1	0	0	**2**	4	510	20	1	**535**	3	433	4	0	**440**	**993**
8:00AM	0	1	5	0	**6**	0	0	0	0	**0**	0	162	4	0	**166**	2	144	0	0	**146**	**318**
8:15AM	1	0	9	0	**10**	0	0	0	0	**0**	1	195	5	0	**201**	1	144	4	0	**149**	**360**
8:30AM	0	0	3	0	**3**	1	0	0	0	**1**	2	188	2	1	**193**	1	153	2	0	**156**	**353**
8:45AM	0	0	13	0	**13**	0	0	0	0	**0**	2	205	9	0	**216**	0	137	2	0	**139**	**368**
Hourly Total	1	1	30	0	**32**	1	0	0	0	**1**	5	750	20	1	**776**	4	578	8	0	**590**	**1399**
4:00PM	0	0	22	0	**22**	7	0	1	0	**8**	2	223	1	1	**227**	2	276	6	0	**284**	**541**
4:15PM	0	0	24	0	**24**	6	0	2	0	**8**	3	183	1	1	**188**	2	234	2	0	**238**	**458**
4:30PM	0	0	19	0	**19**	9	0	6	0	**15**	4	157	0	0	**161**	2	300	5	0	**307**	**502**
4:45PM	1	0	22	0	**23**	2	0	4	0	**6**	3	189	1	0	**193**	0	296	7	0	**303**	**525**
Hourly Total	1	0	87	0	**88**	24	0	13	0	**37**	12	752	3	2	**769**	6	1106	20	0	**1132**	**2026**
5:00PM	0	0	15	0	**15**	7	0	4	0	**11**	1	205	0	0	**206**	0	292	3	0	**295**	**527**
5:15PM	0	0	20	0	**20**	5	0	1	0	**6**	3	210	0	1	**214**	0	316	8	0	**324**	**564**
5:30PM	2	0	22	0	**24**	3	0	4	0	**7**	2	178	0	0	**180**	0	270	3	0	**273**	**484**
5:45PM	0	0	22	0	**22**	2	0	1	0	**3**	3	194	1	0	**198**	1	270	5	0	**276**	**499**
Hourly Total	2	0	79	0	**81**	17	0	10	0	**27**	9	787	1	1	**798**	1	1148	19	0	**1168**	**2074**
Total	4	1	212	0	**217**	43	1	23	0	**67**	30	2799	44	5	**2878**	14	3265	51	0	**3330**	**6492**
% Approach	1.8%	0.5%	97.7%	0%	**-**	64.2%	1.5%	34.3%	0%	**-**	1.0%	97.3%	1.5%	0.2%	**-**	0.4%	98.0%	1.5%	0%	**-**	-
% Total	0.1%	0%	3.3%	0%	**3.3%**	0.7%	0%	0.4%	0%	**1.0%**	0.5%	43.1%	0.7%	0.1%	**44.3%**	0.2%	50.3%	0.8%	0%	**51.3%**	-
Lights	4	1	211	0	**216**	43	1	21	0	**65**	29	2741	43	5	**2818**	14	3169	50	0	**3233**	6332
% Lights	100%	100%	99.5%	0%	**99.5%**	100%	100%	91.3%	0%	**97.0%**	96.7%	97.9%	97.7%	100%	**97.9%**	100%	97.1%	98.0%	0%	**97.1%**	97.5%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	6	1	0	**7**	0	12	0	0	**12**	19
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0.2%	2.3%	0%	**0.2%**	0%	0.4%	0%	0%	**0.4%**	0.3%
Buses and Single-Unit Trucks	0	0	1	0	**1**	0	0	2	0	**2**	1	52	0	0	**53**	0	84	1	0	**85**	141
% Buses and Single-Unit Trucks	0%	0%	0.5%	0%	**0.5%**	0%	0%	8.7%	0%	**3.0%**	3.3%	1.9%	0%	0%	**1.8%**	0%	2.6%	2.0%	0%	**2.6%**	2.2%

*L: Left, R: Right, T: Thru, U: U-Turn

Skokie Boulevard and Site Access - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344073, Location: 42.139327, -87.792604

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Site Access					Driveway Access					Skokie Blvd					Skokie Blvd					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2025-10-09 8:00AM	0	1	5	0	**6**	0	0	0	0	**0**	0	162	4	0	**166**	2	144	0	0	**146**	**318**
8:15AM	1	0	9	0	**10**	0	0	0	0	**0**	1	195	5	0	**201**	1	144	4	0	**149**	**360**
8:30AM	0	0	3	0	**3**	1	0	0	0	**1**	2	188	2	1	**193**	1	153	2	0	**156**	**353**
8:45AM	0	0	13	0	**13**	0	0	0	0	**0**	2	205	9	0	**216**	0	137	2	0	**139**	**368**
Total	1	1	30	0	**32**	1	0	0	0	**1**	5	750	20	1	**776**	4	578	8	0	**590**	**1399**
% Approach	3.1%	3.1%	93.8%	0%	**-**	100%	0%	0%	0%	**-**	0.6%	96.6%	2.6%	0.1%	**-**	0.7%	98.0%	1.4%	0%	**-**	-
% Total	0.1%	0.1%	2.1%	0%	**2.3%**	0.1%	0%	0%	0%	**0.1%**	0.4%	53.6%	1.4%	0.1%	**55.5%**	0.3%	41.3%	0.6%	0%	**42.2%**	-
PHF	0.250	0.250	0.577	-	**0.615**	0.250	-	-	-	**0.250**	0.625	0.915	0.556	0.250	**0.898**	0.500	0.944	0.500	-	**0.946**	0.950
Lights	1	1	30	0	**32**	1	0	0	0	**1**	5	736	20	1	**762**	4	547	7	0	**558**	1353
% Lights	100%	100%	100%	0%	**100%**	100%	0%	0%	0%	**100%**	100%	98.1%	100%	100%	**98.2%**	100%	94.6%	87.5%	0%	**94.6%**	96.7%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	4	0	0	**4**	0	5	0	0	**5**	9
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0.5%	0%	0%	**0.5%**	0%	0.9%	0%	0%	**0.8%**	0.6%
Buses and Single-Unit Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	10	0	0	**10**	0	26	1	0	**27**	37
% Buses and Single-Unit Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	1.3%	0%	0%	**1.3%**	0%	4.5%	12.5%	0%	**4.6%**	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

Skokie Boulevard and Site Access - TMC

Thu Oct 9, 2025
PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344073, Location: 42.139327, -87.792604

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Site Access					Driveway Access					Skokie Blvd					Skokie Blvd					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	**Int**
2025-10-09 4:30PM	0	0	19	0	**19**	9	0	6	0	**15**	4	157	0	0	**161**	2	300	5	0	**307**	**502**
4:45PM	1	0	22	0	**23**	2	0	4	0	**6**	3	189	1	0	**193**	0	296	7	0	**303**	**525**
5:00PM	0	0	15	0	**15**	7	0	4	0	**11**	1	205	0	0	**206**	0	292	3	0	**295**	**527**
5:15PM	0	0	20	0	**20**	5	0	1	0	**6**	3	210	0	1	**214**	0	316	8	0	**324**	**564**
Total	1	0	76	0	**77**	23	0	15	0	**38**	11	761	1	1	**774**	2	1204	23	0	**1229**	**2118**
% Approach	1.3%	0%	98.7%	0%	**-**	60.5%	0%	39.5%	0%	**-**	1.4%	98.3%	0.1%	0.1%	**-**	0.2%	98.0%	1.9%	0%	**-**	-
% Total	0%	0%	3.6%	0%	**3.6%**	1.1%	0%	0.7%	0%	**1.8%**	0.5%	35.9%	0%	0%	**36.5%**	0.1%	56.8%	1.1%	0%	**58.0%**	-
PHF	0.250	-	0.864	-	**0.837**	0.639	-	0.625	-	**0.633**	0.688	0.906	0.250	0.250	**0.904**	0.250	0.953	0.719	-	**0.948**	0.939
Lights	1	0	75	0	**76**	23	0	14	0	**37**	11	760	0	1	**772**	2	1191	23	0	**1216**	2101
% Lights	100%	0%	98.7%	0%	**98.7%**	100%	0%	93.3%	0%	**97.4%**	100%	99.9%	0%	100%	**99.7%**	100%	98.9%	100%	0%	**98.9%**	99.2%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	1	0	**1**	0	1	0	0	**1**	2
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	100%	0%	**0.1%**	0%	0.1%	0%	0%	**0.1%**	0.1%
Buses and Single-Unit Trucks	0	0	1	0	**1**	0	0	1	0	**1**	0	1	0	0	**1**	0	12	0	0	**12**	15
% Buses and Single-Unit Trucks	0%	0%	1.3%	0%	**1.3%**	0%	0%	6.7%	0%	**2.6%**	0%	0.1%	0%	0%	**0.1%**	0%	1.0%	0%	0%	**1.0%**	0.7%

*L: Left, R: Right, T: Thru, U: U-Turn

Skokie Boulevard and Site Access - TMC

Sat Oct 11, 2025
Forced Peak (11:30 AM - 12:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344078, Location: 42.139327, -87.792604

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	Site Access					Driveway Access					Skokie Blvd					Skokie Blvd					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	L	T	R	U	**App**	**Int**
2025-10-11 11:30AM	1	0	19	0	**20**	0	0	0	0	**0**	2	168	2	0	**172**	0	161	4	0	**165**	**357**
11:45AM	2	0	23	0	**25**	0	0	0	0	**0**	4	234	0	0	**238**	1	155	6	0	**162**	**425**
12:00PM	3	0	22	0	**25**	0	0	0	0	**0**	6	190	0	0	**196**	0	172	8	0	**180**	**401**
12:15PM	0	0	17	0	**17**	0	0	2	0	**2**	1	188	0	0	**189**	0	157	6	0	**163**	**371**
Total	6	0	81	0	**87**	0	0	2	0	**2**	13	780	2	0	**795**	1	645	24	0	**670**	**1554**
% Approach	6.9%	0%	93.1%	0%	**-**	0%	0%	100%	0%	**-**	1.6%	98.1%	0.3%	0%	**-**	0.1%	96.3%	3.6%	0%	**-**	-
% Total	0.4%	0%	5.2%	0%	**5.6%**	0%	0%	0.1%	0%	**0.1%**	0.8%	50.2%	0.1%	0%	**51.2%**	0.1%	41.5%	1.5%	0%	**43.1%**	-
PHF	0.500	-	0.880	-	**0.870**	-	-	0.250	-	**0.250**	0.542	0.833	0.250	-	**0.835**	0.250	0.938	0.750	-	**0.931**	0.914
Lights	6	0	81	0	**87**	0	0	1	0	**1**	13	775	2	0	**790**	1	643	24	0	**668**	1546
% Lights	100%	0%	100%	0%	**100%**	0%	0%	50.0%	0%	**50.0%**	100%	99.4%	100%	0%	**99.4%**	100%	99.7%	100%	0%	**99.7%**	99.5%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	0	0	0	**0**	0	0	1	0	**1**	0	5	0	0	**5**	0	2	0	0	**2**	8
% Buses and Single-Unit Trucks	0%	0%	0%	0%	**0%**	0%	0%	50.0%	0%	**50.0%**	0%	0.6%	0%	0%	**0.6%**	0%	0.3%	0%	0%	**0.3%**	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 2 - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344074, Location: 42.139073, -87.793364

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				North Internal Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 7:00AM	1	1	0	**2**	4	2	0	**6**	3	6	0	**9**	**17**
7:15AM	0	0	0	**0**	3	1	0	**4**	3	8	0	**11**	**15**
7:30AM	0	2	0	**2**	11	1	0	**12**	1	7	0	**8**	**22**
7:45AM	2	2	0	**4**	10	1	0	**11**	3	10	0	**13**	**28**
Hourly Total	3	5	0	**8**	28	5	0	**33**	10	31	0	**41**	**82**
8:00AM	0	0	0	**0**	11	2	0	**13**	3	9	0	**12**	**25**
8:15AM	1	2	0	**3**	8	1	0	**9**	7	11	0	**18**	**30**
8:30AM	1	4	0	**5**	12	1	0	**13**	4	2	0	**6**	**24**
8:45AM	3	4	0	**7**	12	1	0	**13**	9	11	0	**20**	**40**
Hourly Total	5	10	0	**15**	43	5	0	**48**	23	33	0	**56**	**119**
4:00PM	2	9	0	**11**	16	3	0	**19**	13	16	0	**29**	**59**
4:15PM	1	6	0	**7**	20	1	0	**21**	23	16	0	**39**	**67**
4:30PM	1	6	0	**7**	16	3	0	**19**	16	12	0	**28**	**54**
4:45PM	6	9	0	**15**	19	2	0	**21**	18	9	0	**27**	**63**
Hourly Total	10	30	0	**40**	71	9	0	**80**	70	53	0	**123**	**243**
5:00PM	5	5	0	**10**	11	4	0	**15**	15	19	0	**34**	**59**
5:15PM	6	2	0	**8**	22	5	0	**27**	17	11	0	**28**	**63**
5:30PM	2	11	0	**13**	18	5	0	**23**	11	10	0	**21**	**57**
5:45PM	1	5	0	**6**	17	0	0	**17**	14	10	0	**24**	**47**
Hourly Total	14	23	0	**37**	68	14	0	**82**	57	50	0	**107**	**226**
Total	32	68	0	**100**	210	33	0	**243**	160	167	0	**327**	**670**
% Approach	32.0%	68.0%	0%	**-**	86.4%	13.6%	0%	**-**	48.9%	51.1%	0%	**-**	-
% Total	4.8%	10.1%	0%	**14.9%**	31.3%	4.9%	0%	**36.3%**	23.9%	24.9%	0%	**48.8%**	-
Lights	32	67	0	**99**	210	33	0	**243**	159	164	0	**323**	665
% Lights	100%	98.5%	0%	**99.0%**	100%	100%	0%	**100%**	99.4%	98.2%	0%	**98.8%**	99.3%
Articulated Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	1	0	**1**	0	0	0	**0**	1	3	0	**4**	5
% Buses and Single-Unit Trucks	0%	1.5%	0%	**1.0%**	0%	0%	0%	**0%**	0.6%	1.8%	0%	**1.2%**	0.7%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 2 - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344074, Location: 42.139073, -87.793364

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	East Internal Access Westbound				South Internal Access Northbound				North Internal Access Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 8:00AM	0	0	0	**0**	11	2	0	**13**	3	9	0	**12**	**25**
8:15AM	1	2	0	**3**	8	1	0	**9**	7	11	0	**18**	**30**
8:30AM	1	4	0	**5**	12	1	0	**13**	4	2	0	**6**	**24**
8:45AM	3	4	0	**7**	12	1	0	**13**	9	11	0	**20**	**40**
Total	5	10	0	**15**	43	5	0	**48**	23	33	0	**56**	**119**
% Approach	33.3%	66.7%	0%	**-**	89.6%	10.4%	0%	**-**	41.1%	58.9%	0%	**-**	-
% Total	4.2%	8.4%	0%	**12.6%**	36.1%	4.2%	0%	**40.3%**	19.3%	27.7%	0%	**47.1%**	-
PHF	0.417	0.625	-	**0.536**	0.896	0.625	-	**0.923**	0.639	0.750	-	**0.700**	0.744
Lights	5	9	0	**14**	43	5	0	**48**	23	33	0	**56**	118
% Lights	100%	90.0%	0%	**93.3%**	100%	100%	0%	**100%**	100%	100%	0%	**100%**	99.2%
Articulated Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	1	0	**1**	0	0	0	**0**	0	0	0	**0**	1
% Buses and Single-Unit Trucks	0%	10.0%	0%	**6.7%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0.8%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 2 - TMC

Thu Oct 9, 2025
Forced Peak (4:30 PM - 5:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344074, Location: 42.139073, -87.793364

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				North Internal Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 4:30PM	1	6	0	**7**	16	3	0	**19**	16	12	0	**28**	**54**
4:45PM	6	9	0	**15**	19	2	0	**21**	18	9	0	**27**	**63**
5:00PM	5	5	0	**10**	11	4	0	**15**	15	19	0	**34**	**59**
5:15PM	6	2	0	**8**	22	5	0	**27**	17	11	0	**28**	**63**
Total	18	22	0	**40**	68	14	0	**82**	66	51	0	**117**	**239**
% Approach	45.0%	55.0%	0%	**-**	82.9%	17.1%	0%	**-**	56.4%	43.6%	0%	**-**	-
% Total	7.5%	9.2%	0%	**16.7%**	28.5%	5.9%	0%	**34.3%**	27.6%	21.3%	0%	**49.0%**	-
PHF	0.750	0.611	-	**0.667**	0.773	0.700	-	**0.759**	0.917	0.671	-	**0.860**	0.948
Lights	18	22	0	**40**	68	14	0	**82**	65	51	0	**116**	238
% Lights	100%	100%	0%	**100%**	100%	100%	0%	**100%**	98.5%	100%	0%	**99.1%**	99.6%
Articulated Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	1
% Buses and Single-Unit Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	1.5%	0%	0%	**0.9%**	0.4%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 2 - TMC

Sat Oct 11, 2025
Forced Peak (11:30 AM - 12:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344079, Location: 42.139073, -87.793364

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	East Internal Access Westbound				South Internal Access Northbound				Nor;th Internal Access Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-11 11:30AM	3	5	0	**8**	17	5	0	**22**	12	10	0	**22**	**52**
11:45AM	3	8	0	**11**	14	1	0	**15**	23	12	0	**35**	**61**
12:00PM	4	11	0	**15**	15	4	0	**19**	16	19	0	**35**	**69**
12:15PM	1	8	0	**9**	19	4	0	**23**	14	16	0	**30**	**62**
Total	11	32	0	**43**	65	14	0	**79**	65	57	0	**122**	**244**
% Approach	25.6%	74.4%	0%	**-**	82.3%	17.7%	0%	**-**	53.3%	46.7%	0%	**-**	-
% Total	4.5%	13.1%	0%	**17.6%**	26.6%	5.7%	0%	**32.4%**	26.6%	23.4%	0%	**50.0%**	-
PHF	0.688	0.727	-	**0.717**	0.855	0.700	-	**0.859**	0.707	0.750	-	**0.871**	0.884
Lights	11	32	0	**43**	65	14	0	**79**	65	57	0	**122**	244
% Lights	100%	100%	0%	**100%**	100%	100%	0%	**100%**	100%	100%	0%	**100%**	100%
Articulated Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Buses and Single-Unit Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 3 - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344075, Location: 42.13836, -87.793471

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	West Internal Access					East Internal Access					Roti Access					Parking Lot Access					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2025-10-09 7:00AM	1	7	0	0	**8**	0	7	0	0	**7**	0	0	0	0	**0**	0	0	0	0	**0**	**15**
7:15AM	1	5	1	0	**7**	0	8	0	0	**8**	0	0	0	0	**0**	0	0	0	0	**0**	**15**
7:30AM	0	11	1	0	**12**	0	6	0	0	**6**	0	0	0	0	**0**	0	0	1	0	**1**	**19**
7:45AM	1	11	1	0	**13**	1	11	0	0	**12**	0	0	0	0	**0**	0	0	0	0	**0**	**25**
Hourly Total	3	34	3	0	**40**	1	32	0	0	**33**	0	0	0	0	**0**	0	0	1	0	**1**	**74**
8:00AM	3	15	0	0	**18**	0	9	0	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	**27**
8:15AM	1	13	1	0	**15**	1	10	0	0	**11**	1	0	0	0	**1**	0	0	0	0	**0**	**27**
8:30AM	1	15	2	0	**18**	0	3	0	0	**3**	2	0	0	0	**2**	0	0	0	0	**0**	**23**
8:45AM	3	19	3	0	**25**	0	12	1	0	**13**	0	0	0	0	**0**	0	0	1	0	**1**	**39**
Hourly Total	8	62	6	0	**76**	1	34	1	0	**36**	3	0	0	0	**3**	0	0	1	0	**1**	**116**
4:00PM	1	22	5	0	**28**	0	20	0	0	**20**	1	0	0	0	**1**	0	0	0	0	**0**	**49**
4:15PM	2	23	5	0	**30**	0	17	0	0	**17**	8	0	0	0	**8**	0	0	0	0	**0**	**55**
4:30PM	1	22	7	0	**30**	0	12	0	0	**12**	5	0	2	0	**7**	0	0	0	0	**0**	**49**
4:45PM	2	20	5	0	**27**	0	16	0	0	**16**	4	0	1	0	**5**	0	0	0	0	**0**	**48**
Hourly Total	6	87	22	0	**115**	0	65	0	0	**65**	18	0	3	0	**21**	0	0	0	0	**0**	**201**
5:00PM	1	17	7	0	**25**	2	21	1	0	**24**	1	0	1	0	**2**	0	0	4	0	**4**	**55**
5:15PM	0	26	8	0	**34**	0	18	0	0	**18**	5	0	2	0	**7**	0	0	0	0	**0**	**59**
5:30PM	1	25	11	0	**37**	1	12	0	0	**13**	9	0	0	0	**9**	0	0	0	0	**0**	**59**
5:45PM	0	20	14	0	**34**	0	14	0	0	**14**	7	1	1	0	**9**	0	0	0	0	**0**	**57**
Hourly Total	2	88	40	0	**130**	3	65	1	0	**69**	22	1	4	0	**27**	0	0	4	0	**4**	**230**
Total	19	271	71	0	**361**	5	196	2	0	**203**	43	1	7	0	**51**	0	0	6	0	**6**	**621**
% Approach	5.3%	75.1%	19.7%	0%	**-**	2.5%	96.6%	1.0%	0%	**-**	84.3%	2.0%	13.7%	0%	**-**	0%	0%	100%	0%	**-**	-
% Total	3.1%	43.6%	11.4%	0%	**58.1%**	0.8%	31.6%	0.3%	0%	**32.7%**	6.9%	0.2%	1.1%	0%	**8.2%**	0%	0%	1.0%	0%	**1.0%**	-
Lights	18	271	71	0	**360**	5	193	2	0	**200**	42	1	7	0	**50**	0	0	6	0	**6**	616
% Lights	94.7%	100%	100%	0%	**99.7%**	100%	98.5%	100%	0%	**98.5%**	97.7%	100%	100%	0%	**98.0%**	0%	0%	100%	0%	**100%**	99.2%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	1	0	0	0	**1**	0	3	0	0	**3**	1	0	0	0	**1**	0	0	0	0	**0**	5
% Buses and Single-Unit Trucks	5.3%	0%	0%	0%	**0.3%**	0%	1.5%	0%	0%	**1.5%**	2.3%	0%	0%	0%	**2.0%**	0%	0%	0%	0%	**0%**	0.8%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 3 - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344075, Location: 42.13836, -87.793471

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	West Internal Access					East Internal Access					Roti Access					Parking Lot Access					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2025-10-09 8:00AM	3	15	0	0	**18**	0	9	0	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	**27**
8:15AM	1	13	1	0	**15**	1	10	0	0	**11**	1	0	0	0	**1**	0	0	0	0	**0**	**27**
8:30AM	1	15	2	0	**18**	0	3	0	0	**3**	2	0	0	0	**2**	0	0	0	0	**0**	**23**
8:45AM	3	19	3	0	**25**	0	12	1	0	**13**	0	0	0	0	**0**	0	0	1	0	**1**	**39**
Total	8	62	6	0	**76**	1	34	1	0	**36**	3	0	0	0	**3**	0	0	1	0	**1**	**116**
% Approach	10.5%	81.6%	7.9%	0%	**-**	2.8%	94.4%	2.8%	0%	**-**	100%	0%	0%	0%	**-**	0%	0%	100%	0%	**-**	-
% Total	6.9%	53.4%	5.2%	0%	**65.5%**	0.9%	29.3%	0.9%	0%	**31.0%**	2.6%	0%	0%	0%	**2.6%**	0%	0%	0.9%	0%	**0.9%**	-
PHF	0.667	0.816	0.500	-	**0.760**	0.250	0.708	0.250	-	**0.692**	0.375	-	-	-	**0.375**	-	-	0.250	-	**0.250**	0.744
Lights	7	62	6	0	**75**	1	34	1	0	**36**	3	0	0	0	**3**	0	0	1	0	**1**	115
% Lights	87.5%	100%	100%	0%	**98.7%**	100%	100%	100%	0%	**100%**	100%	0%	0%	0%	**100%**	0%	0%	100%	0%	**100%**	99.1%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	1	0	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	1
% Buses and Single-Unit Trucks	12.5%	0%	0%	0%	**1.3%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 3 - TMC

Thu Oct 9, 2025
Forced Peak (4:30 PM - 5:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344075, Location: 42.13836, -87.793471

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	West Internal Access					East Internal Access					Roti Access					Parking Lot Access					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2025-10-09 4:30PM	1	22	7	0	**30**	0	12	0	0	**12**	5	0	2	0	**7**	0	0	0	0	**0**	**49**
4:45PM	2	20	5	0	**27**	0	16	0	0	**16**	4	0	1	0	**5**	0	0	0	0	**0**	**48**
5:00PM	1	17	7	0	**25**	2	21	1	0	**24**	1	0	1	0	**2**	0	0	4	0	**4**	**55**
5:15PM	0	26	8	0	**34**	0	18	0	0	**18**	5	0	2	0	**7**	0	0	0	0	**0**	**59**
Total	4	85	27	0	**116**	2	67	1	0	**70**	15	0	6	0	**21**	0	0	4	0	**4**	**211**
% Approach	3.4%	73.3%	23.3%	0%	**-**	2.9%	95.7%	1.4%	0%	**-**	71.4%	0%	28.6%	0%	**-**	0%	0%	100%	0%	**-**	-
% Total	1.9%	40.3%	12.8%	0%	**55.0%**	0.9%	31.8%	0.5%	0%	**33.2%**	7.1%	0%	2.8%	0%	**10.0%**	0%	0%	1.9%	0%	**1.9%**	-
PHF	0.500	0.817	0.844	-	**0.853**	0.250	0.798	0.250	-	**0.729**	0.750	-	0.750	-	**0.750**	-	-	0.250	-	**0.250**	0.894
Lights	4	85	27	0	**116**	2	67	1	0	**70**	15	0	6	0	**21**	0	0	4	0	**4**	211
% Lights	100%	100%	100%	0%	**100%**	100%	100%	100%	0%	**100%**	100%	0%	100%	0%	**100%**	0%	0%	100%	0%	**100%**	100%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Buses and Single-Unit Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 3 - TMC

Sat Oct 11, 2025
Forced Peak (11:30 AM - 12:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344080, Location: 42.13836, -87.793471

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	West Internal Access					East Internal Access					Roti Access					Parking Lot Access					
Direction	Eastbound					Westbound					Northbound					Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2025-10-11 11:30AM	1	22	8	0	**31**	0	14	0	0	**14**	3	1	2	0	**6**	0	0	1	0	**1**	**52**
11:45AM	0	16	10	0	**26**	0	17	0	0	**17**	4	0	0	0	**4**	0	0	0	0	**0**	**47**
12:00PM	1	23	5	0	**29**	0	23	0	0	**23**	2	0	0	0	**2**	1	0	0	0	**1**	**55**
12:15PM	5	23	6	0	**34**	0	20	1	0	**21**	1	0	0	0	**1**	0	0	0	0	**0**	**56**
Total	7	84	29	0	**120**	0	74	1	0	**75**	10	1	2	0	**13**	1	0	1	0	**2**	**210**
% Approach	5.8%	70.0%	24.2%	0%	**-**	0%	98.7%	1.3%	0%	**-**	76.9%	7.7%	15.4%	0%	**-**	50.0%	0%	50.0%	0%	**-**	-
% Total	3.3%	40.0%	13.8%	0%	**57.1%**	0%	35.2%	0.5%	0%	**35.7%**	4.8%	0.5%	1.0%	0%	**6.2%**	0.5%	0%	0.5%	0%	**1.0%**	-
PHF	0.350	0.913	0.725	-	**0.882**	-	0.804	0.250	-	**0.815**	0.625	0.250	0.250	-	**0.542**	0.250	-	0.250	-	**0.500**	0.938
Lights	7	83	29	0	**119**	0	74	1	0	**75**	10	1	2	0	**13**	1	0	1	0	**2**	209
% Lights	100%	98.8%	100%	0%	**99.2%**	0%	100%	100%	0%	**100%**	100%	100%	100%	0%	**100%**	100%	0%	100%	0%	**100%**	99.5%
Articulated Trucks	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	1
% Buses and Single-Unit Trucks	0%	1.2%	0%	0%	**0.8%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0%	0%	0%	0%	**0%**	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 4 - TMC

Thu Oct 9, 2025
Full Length (7 AM-9 AM, 4 PM-6 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344076, Location: 42.138221, -87.793818

GEWALT HAMILTON ASSOCIATES, INC.
Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				Parking Lot Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 7:00AM	9	0	0	**9**	3	9	0	**12**	0	2	0	**2**	**23**
7:15AM	8	0	0	**8**	6	8	0	**14**	0	4	0	**4**	**26**
7:30AM	7	0	0	**7**	5	16	0	**21**	0	7	0	**7**	**35**
7:45AM	11	0	0	**11**	6	13	0	**19**	0	2	0	**2**	**32**
Hourly Total	35	0	0	**35**	20	46	0	**66**	0	15	0	**15**	**116**
8:00AM	10	0	0	**10**	1	23	0	**24**	0	4	0	**4**	**38**
8:15AM	11	0	0	**11**	8	16	0	**24**	0	3	0	**3**	**38**
8:30AM	4	1	0	**5**	14	20	0	**34**	0	1	0	**1**	**40**
8:45AM	12	1	0	**13**	8	27	0	**35**	0	7	0	**7**	**55**
Hourly Total	37	2	0	**39**	31	86	0	**117**	0	15	0	**15**	**171**
4:00PM	19	0	0	**19**	5	31	0	**36**	0	16	0	**16**	**71**
4:15PM	26	0	0	**26**	7	31	0	**38**	0	6	0	**6**	**70**
4:30PM	18	0	0	**18**	6	34	0	**40**	0	13	0	**13**	**71**
4:45PM	22	0	0	**22**	5	28	0	**33**	0	8	0	**8**	**63**
Hourly Total	85	0	0	**85**	23	124	0	**147**	0	43	0	**43**	**275**
5:00PM	26	0	0	**26**	6	28	1	**35**	0	16	0	**16**	**77**
5:15PM	25	0	0	**25**	4	37	0	**41**	0	6	0	**6**	**72**
5:30PM	20	0	0	**20**	4	38	0	**42**	0	7	0	**7**	**69**
5:45PM	22	0	0	**22**	3	37	0	**40**	0	9	0	**9**	**71**
Hourly Total	93	0	0	**93**	17	140	1	**158**	0	38	0	**38**	**289**
Total	250	2	0	**252**	91	396	1	**488**	0	111	0	**111**	**851**
% Approach	99.2%	0.8%	0%	**-**	18.6%	81.1%	0.2%	**-**	0%	100%	0%	**-**	-
% Total	29.4%	0.2%	0%	**29.6%**	10.7%	46.5%	0.1%	**57.3%**	0%	13.0%	0%	**13.0%**	-
Lights	247	2	0	**249**	82	394	1	**477**	0	105	0	**105**	831
% Lights	98.8%	100%	0%	**98.8%**	90.1%	99.5%	100%	**97.7%**	0%	94.6%	0%	**94.6%**	97.6%
Articulated Trucks	0	0	0	**0**	5	0	0	**5**	0	0	0	**0**	5
% Articulated Trucks	0%	0%	0%	**0%**	5.5%	0%	0%	**1.0%**	0%	0%	0%	**0%**	0.6%
Buses and Single-Unit Trucks	3	0	0	**3**	4	2	0	**6**	0	6	0	**6**	15
% Buses and Single-Unit Trucks	1.2%	0%	0%	**1.2%**	4.4%	0.5%	0%	**1.2%**	0%	5.4%	0%	**5.4%**	1.8%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 4 - TMC

Thu Oct 9, 2025
AM Peak (8 AM - 9 AM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344076, Location: 42.138221, -87.793818

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				Parking Lot Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 8:00AM	10	0	0	**10**	1	23	0	**24**	0	4	0	**4**	**38**
8:15AM	11	0	0	**11**	8	16	0	**24**	0	3	0	**3**	**38**
8:30AM	4	1	0	**5**	14	20	0	**34**	0	1	0	**1**	**40**
8:45AM	12	1	0	**13**	8	27	0	**35**	0	7	0	**7**	**55**
Total	37	2	0	**39**	31	86	0	**117**	0	15	0	**15**	**171**
% Approach	94.9%	5.1%	0%	**-**	26.5%	73.5%	0%	**-**	0%	100%	0%	**-**	-
% Total	21.6%	1.2%	0%	**22.8%**	18.1%	50.3%	0%	**68.4%**	0%	8.8%	0%	**8.8%**	-
PHF	0.771	0.500	-	**0.750**	0.554	0.796	-	**0.836**	-	0.536	-	**0.536**	0.777
Lights	37	2	0	**39**	27	85	0	**112**	0	15	0	**15**	166
% Lights	100%	100%	0%	**100%**	87.1%	98.8%	0%	**95.7%**	0%	100%	0%	**100%**	97.1%
Articulated Trucks	0	0	0	**0**	3	0	0	**3**	0	0	0	**0**	3
% Articulated Trucks	0%	0%	0%	**0%**	9.7%	0%	0%	**2.6%**	0%	0%	0%	**0%**	1.8%
Buses and Single-Unit Trucks	0	0	0	**0**	1	1	0	**2**	0	0	0	**0**	2
% Buses and Single-Unit Trucks	0%	0%	0%	**0%**	3.2%	1.2%	0%	**1.7%**	0%	0%	0%	**0%**	1.2%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 4 - TMC

Thu Oct 9, 2025
Forced Peak (4:30 PM - 5:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344076, Location: 42.138221, -87.793818

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				Parking Lot Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-09 4:30PM	18	0	0	**18**	6	34	0	**40**	0	13	0	**13**	**71**
4:45PM	22	0	0	**22**	5	28	0	**33**	0	8	0	**8**	**63**
5:00PM	26	0	0	**26**	6	28	1	**35**	0	16	0	**16**	**77**
5:15PM	25	0	0	**25**	4	37	0	**41**	0	6	0	**6**	**72**
Total	91	0	0	**91**	21	127	1	**149**	0	43	0	**43**	**283**
% Approach	100%	0%	0%	**-**	14.1%	85.2%	0.7%	**-**	0%	100%	0%	**-**	-
% Total	32.2%	0%	0%	**32.2%**	7.4%	44.9%	0.4%	**52.7%**	0%	15.2%	0%	**15.2%**	-
PHF	0.875	-	-	**0.875**	0.875	0.858	0.250	**0.909**	-	0.672	-	**0.672**	0.919
Lights	91	0	0	**91**	20	127	1	**148**	0	43	0	**43**	282
% Lights	100%	0%	0%	**100%**	95.2%	100%	100%	**99.3%**	0%	100%	0%	**100%**	99.6%
Articulated Trucks	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	1
% Articulated Trucks	0%	0%	0%	**0%**	4.8%	0%	0%	**0.7%**	0%	0%	0%	**0%**	0.4%
Buses and Single-Unit Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Buses and Single-Unit Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Internal Access 4 - TMC

Sat Oct 11, 2025
Forced Peak (11:30 AM - 12:30 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1344081, Location: 42.138221, -87.793818

Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg	East Internal Access				South Internal Access				Parking Lot Access				
Direction	Westbound				Northbound				Southbound				
Time	L	R	U	**App**	T	R	U	**App**	L	T	U	**App**	**Int**
2025-10-11 11:30AM	17	0	0	**17**	3	34	0	**37**	0	5	0	**5**	**59**
11:45AM	23	0	0	**23**	6	27	2	**35**	0	4	0	**4**	**62**
12:00PM	26	0	0	**26**	11	31	0	**42**	0	2	0	**2**	**70**
12:15PM	24	0	0	**24**	5	36	0	**41**	0	4	0	**4**	**69**
Total	90	0	0	**90**	25	128	2	**155**	0	15	0	**15**	**260**
% Approach	100%	0%	0%	**-**	16.1%	82.6%	1.3%	**-**	0%	100%	0%	**-**	-
% Total	34.6%	0%	0%	**34.6%**	9.6%	49.2%	0.8%	**59.6%**	0%	5.8%	0%	**5.8%**	-
PHF	0.865	-	-	**0.865**	0.568	0.889	0.250	**0.923**	-	0.750	-	**0.750**	0.929
Lights	90	0	0	**90**	25	128	2	**155**	0	15	0	**15**	260
% Lights	100%	0%	0%	**100%**	100%	100%	100%	**100%**	0%	100%	0%	**100%**	100%
Articulated Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Articulated Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%
Buses and Single-Unit Trucks	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0
% Buses and Single-Unit Trucks	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%	0%	0%	**0%**	0%

*L: Left, R: Right, T: Thru, U: U-Turn

Colliers Engineering & Design

Traffic Impact Study

Appendix D | Signal Timing Directive

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Configuration Phase Sequence

Controller Sequence (MM)1-1-1

Hardware Alternate Sequence Enable: No

Phase Ring Sequence.....(Note: Sequences identical to the prior one are not printed)

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sequence 1																
Ring 1	1	2	3	4	9	10	13	14	.	.	.	.	.	.	.	.
Ring 2	5	6	7	8	11	12	15	16	.	.	.	.	.	.	.	.
Sequence 2																
Ring 1	2	1	3	4	10	9	13	14	.	.	.	.	.	.	.	.
Ring 2	5	6	7	8	11	12	15	16	.	.	.	.	.	.	.	.
Sequence 3																
Ring 1	1	2	4	3	9	10	14	13	.	.	.	.	.	.	.	.
Ring 2	5	6	7	8	11	12	15	16	.	.	.	.	.	.	.	.
Sequence 4																
Ring 1	2	1	4	3	10	9	14	13	.	.	.	.	.	.	.	.
Ring 2	5	6	7	8	11	12	15	16	.	.	.	.	.	.	.	.
Sequence 5																
Ring 1	1	2	3	4	9	10	13	14	.	.	.	.	.	.	.	.
Ring 2	6	5	7	8	12	11	15	16	.	.	.	.	.	.	.	.
Sequence 6																
Ring 1	2	1	3	4	10	9	13	14	.	.	.	.	.	.	.	.
Ring 2	6	5	7	8	12	11	15	16	.	.	.	.	.	.	.	.
Sequence 7																
Ring 1	1	2	4	3	9	10	14	13	.	.	.	.	.	.	.	.
Ring 2	6	5	7	8	12	11	15	16	.	.	.	.	.	.	.	.
Sequence 8																
Ring 1	2	1	4	3	10	9	14	13	.	.	.	.	.	.	.	.
Ring 2	6	5	7	8	12	11	15	16	.	.	.	.	.	.	.	.
Sequence 9																
Ring 1	1	2	3	4	9	10	13	14	.	.	.	.	.	.	.	.
Ring 2	5	6	8	7	11	12	16	15	.	.	.	.	.	.	.	.
Sequence 10																
Ring 1	2	1	3	4	10	9	13	14	.	.	.	.	.	.	.	.
Ring 2	5	6	8	7	11	12	16	15	.	.	.	.	.	.	.	.
Sequence 11																
Ring 1	1	2	4	3	9	10	14	13	.	.	.	.	.	.	.	.
Ring 2	5	6	8	7	11	12	16	15	.	.	.	.	.	.	.	.
Sequence 12																
Ring 1	2	1	4	3	10	9	14	13	.	.	.	.	.	.	.	.
Ring 2	5	6	8	7	11	12	16	15	.	.	.	.	.	.	.	.
Sequence 13																
Ring 1	1	2	3	4	9	10	13	14	.	.	.	.	.	.	.	.
Ring 2	6	5	8	7	12	11	16	15	.	.	.	.	.	.	.	.
Sequence 14																
Ring 1	2	1	3	4	10	9	13	14	.	.	.	.	.	.	.	.
Ring 2	6	5	8	7	12	11	16	15	.	.	.	.	.	.	.	.
Sequence 15																
Ring 1	1	2	4	3	9	10	14	13	.	.	.	.	.	.	.	.
Ring 2	6	5	8	7	12	11	16	15	.	.	.	.	.	.	.	.
Sequence 16																
Ring 1	2	1	4	3	10	9	14	13	.	.	.	.	.	.	.	.
Ring 2	6	5	8	7	12	11	16	15	.	.	.	.	.	.	.	.

Phases In Use / Exclusive PED (MM)1-2

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Phases in Use	X	X	X	X	X	X	X	X								
Exclusive PED																

Phase Compatibility (MM)1-1-2

Phase	Compatible Phase
1	5
1	6
2	5
2	6
3	7
3	8
4	7
4	8
9	11

9	12
10	11
10	12
13	15
13	16
14	15
14	16

Phase and Overlap Descriptions

Phase	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Description																
Overlap	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**L**	**K**	**L**	**M**	**N**	**O**
Description																

Administration (MM)1-7-1

Enable CU/Cabinet Interlock CRC	No
Request Download Controller Data	No
Controller Database CRC	0000
Enable Automatic Backup to Datakey	Yes

Backup Prevent (MM)1-1-3

	Phases	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Timing /	1		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Backup	2	X		.	.	.	.	.	.	.	.	.	.	.	.	.	.
	3	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.
	4	.	.	X		.	.	.	.	.	.	.	.	.	.	.	.
	5	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.
	6	.	.	.	.	X		.	.	.	.	.	.	.	.	.	.
	7	.	.	.	.	.	.		.	.	.	.	.	.	.	.	.
	8	.	.	.	.	.	.	X		.	.	.	.	.	.	.	.
	9	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.
	10	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.
	11	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.
	12	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.
	13	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.
	14	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.
	15	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.
	16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Simultaneous Gap (MM)1-1-4

	Phases	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	1		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	2	.		.	.	.	X	.	.	.	.	.	.	.	.	.	.
	3	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.
	4	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.
	5	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.
Phase	6	.	X	.	.	.		.	.	.	.	.	.	.	.	.	.
Must	7	.	.	.	.	.	.		.	.	.	.	.	.	.	.	.
Gap	8	.	.	.	.	.	.	.		.	.	.	.	.	.	.	.
With	9	.	.	.	.	.	.	.	.		.	.	.	.	.	.	.
Phase	10	.	.	.	.	.	.	.	.	.		.	.	.	.	.	.
	11	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.
	12	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.
	13	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.
	14	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.
	15	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.
	16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Disable	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Load Switch Assignments (MMU Channel) (MM)1-3

	Phase / Overlap	Type	Dimming				Power Up				Auto		Flash Together
			Red	Yellow	Green	Dark	Auto	Red	Yellow	Dark	Red	Yellow	
1	1	V				+	X				X		X
2	2	V				+	X				X		X
3	3	V				+	X				X		
4	4	V				+	X				X		
5	5	V				-	X				X		X
6	6	V				-	X				X		X
7	7	V				-	X				X		
8	8	V				-	X				X		
9	2	P				+	X						
10	4	P				+	X						
11	6	P				-	X						
12	8	P				-	X						
13	1	O				+	X				X		X
14	2	O				-	X				X		
15	3	O				+	X				X		X
16	4	O				-	X				X		

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Configuration Port 1 (SDLC)

SDLC Options (MM)1-4-1

BIU	1	2	3	4	5	6	7	8
Term and Facility Enable	X	X						
Detector Rack Enable	X							

Enable TS2/MMU Type Cabinet: Yes
Enable MMU Extended Status: Yes
Enable SDLC Stop Time: No
Enable 3 Critical RFE's Lockup: Yes

MMU Program (MM)1-4-2

Channel Can Serve with Channel	
Channel 1	**Channel 2**
1	5
1	6
1	11
1	14
1	16
2	5
2	6
2	9
2	11
2	14
3	7
3	8
3	12
3	13
3	15
4	7
4	8
4	10
4	12
4	15
5	9
5	14
5	16
6	9
6	11
6	16
7	10
7	13
7	15
8	10
8	12
8	13
9	11
9	14
10	12
10	15
11	16
12	13
13	15
14	16

Color Check Enable (MM)1-4-3

Enable Color Check: Yes

MMU Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Green	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Yellow	X	X	X	X	X	X	X	X					X	X	X	X
Red		X		X		X		X								

Secondary To Secondary Addressing (MM)1-4-4

ID	1	2	3	4	5	6	7	8	MMU
Term and Facility Enable									

ID	1	2	3	4	5	6	7	8	Diag
Detector Rack Enable									

Diagonstics (Test Fixture) Enable: No

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Configuration Communications

Ethernet Port Configuration (MM)1-5-1

Controller IP: 172.16.1.254
Subnet Mask: 255.255.0.0
Default Gateway IP: 0.0.0.0
Server IP: 10.70.10.1

NTCIP Parameters (MM)1-5-5

Backup Time: 0
UDP Port: 501
Ethernet Priority: 1
Port 2 Priority: 4
Port 3A Priority: 2
Port 3B Priority: 3

Port Configuration (MM)1-5-2 to 1-5-4

Port	2 (C50S)	3A (C21S)	3B (C22S)
Protocol	NTCIP	ECPIP	ECPIP
Enable	No	Yes	No
Data Rate	9600	9600	1200
Data Parity Stop	8 N 1	8 N 1	8 0 1
Modem Setup String	None	None	None
User String			
Comm Port Address	0	11	11
System Detector 9-1	0	0	0
Telemetry Response Delay	0.0	8.0	0.0
Duplex Half/Full	Full	Full	Full
Flow Control	No	No	Yes
AB3418 NTCIP Group Address	0	0	0
AB3418 NTCIP Single Flag Enable	Yes	Yes	No
RTS to CTS Delay	0.0	0.0	3.0
RTS Turn Off Delay	0.0	0.0	2.0
Droupout Time	10	10	300
Early RTS	No	No	No
Telemetry Mode	FSK	FSK	FSK
Rail Road	0	0	0
Rail Road Line	0	0	0
ATCS Group	0	0	0
Wayside Device	0	0	0
ATCS Device	0	0	0
Wayside SubNode	0	0	0
ATCS SubNode	0	0	0

ECPIP Parameters (MM)1-5-6

Controller Address: 11
Expanded System Detector Address: 0

Local System Detector

Local System Detector	Number

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Configuration Logging/Display

Event Logging (MM)1-6-1

Critical RFE's	Yes	3 Critical RFE's in 24 Hours	Yes
MMU Flash Faults	Yes	Local Flash Faults	Yes
Non-Critical RFE's (Det/Test)	Yes	Detector Errors	Yes
Coordination Errors	Yes	Controller Download	Yes
Preempt	Yes	TSP	Yes
Power On/Off	Yes	Low Battery	Yes
Access	Yes	Data Change	Yes
Online/Offline	Yes		

Alarm Log	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Enable Logging	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Display Options (MM)1-7-2

Key Click Enable:	Yes
Backlight Enable:	Yes
LED Mode:	Auto
Main Status Display Mode:	Advanced
Screen Format:	Advanced
Trans Mode Pop-up Disable:	No

Sign On (MM)8-5

Sign On Message Line 1: Solutions that Move the World
Sign On Message Line 2:

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Logic Processor Page 1

Statement Control (MM)1-8-1

LP	Statement Control
1	E
2	E
3	E
4	E
5	E
6	E

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Logic Processor Page 2

Logic Statements (MM)1-8-2

Statement Number: 1

IF:

	Assignment	#		State
IF	PED CLEAR ON PHASE	2	IS	ON
OR	PED CLEAR ON PHASE	6	IS	ON

THEN:

Assignment	#	State
SET LOGIC FLAG	3	ON

ELSE:

Assignment	#	State

Statement Number: 2

IF:

	Assignment	#		State
IF	LOGIC FLAG	3	IS	ON

THEN:

Assignment	#	State
SET COORD FREE		ON

ELSE:

Assignment	#	State

Statement Number: 3

IF:

	Assignment	#		State
IF	YELLOW ON PHASE	4	IS	ON
OR	YELLOW ON PHASE	8	IS	ON

THEN:

Assignment	#	State
SET LOGIC FLAG	3	OFF

ELSE:

Assignment	#	State

Statement Number: 4

IF:

	Assignment	#		State
IF	PED CLEAR ON PHASE	4	IS	ON
OR	PED CLEAR ON PHASE	8	IS	ON

THEN:

Assignment	#	State
SET LOGIC FLAG	2	ON

ELSE:

Assignment	#	State

Statement Number: 5

IF:

	Assignment	#		State
IF	LOGIC FLAG	2	IS	ON

THEN:

Assignment	#	State
SET COORD FREE		ON

ELSE:

Assignment	#	State

Statement Number: 6

IF:

	Assignment	#		State
IF	YELLOW ON PHASE	2	IS	ON

OR YELLOW ON PHASE 6 IS ON

THEN:

Assignment	**#**	**State**
SET LOGIC FLAG	2	OFF

ELSE:

Assignment	**#**	**State**

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Controller Timing Plan (MM)2-1
Plan 1

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction																
Min Green	3	15	3	15	3	15	3	15	0	0	0	0	0	0	0	0
BK Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	13	0	7	0	7	0	8	0	0	0	0	0	0	0	0
Walk 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	38	0	25	0	36	0	27	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	3.0	7.0	3.0	7.0	3.0	7.0	3.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max 1	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 2	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Stp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.5	4.5	3.5	4.5	3.5	4.5	3.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	0.0	1.5	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	1.5	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	25	0	25	0	25	0	25	0	0	0	0	0	0	0	0
Time B4	0	25	0	25	0	25	0	25	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPT Duc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Time To Reduce	0	20	0	20	0	20	0	20	0	0	0	0	0	0	0	0
Min Gap	0.0	4.0	0.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Plan 2

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction																
Min Green	3	15	3	8	3	15	3	8	0	0	0	0	0	0	0	0
BK Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	3.0	7.0	3.0	5.0	3.0	7.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max 1	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 2	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Stp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	0.0	1.5	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Time B4	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPT Duc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Time To Reduce	0	20	0	0	0	20	0	0	0	0	0	0	0	0	0	0
Min Gap	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Plan 3

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction																
Min Green	3	15	3	8	3	15	3	8	0	0	0	0	0	0	0	0
BK Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	3.0	7.0	3.0	5.0	3.0	7.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max 1	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 2	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Stp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	0.0	1.5	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Time B4	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPT Duc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Time To Reduce	0	20	0	0	0	20	0	0	0	0	0	0	0	0	0	0
Min Gap	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Plan 4

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction																
Min Green	3	15	3	8	3	15	3	8	0	0	0	0	0	0	0	0
BK Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	3.0	7.0	3.0	5.0	3.0	7.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max 1	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 2	15	45	15	35	15	45	15	35	0	0	0	0	0	0	0	0
Max 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Stp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	0.0	1.5	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACT B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEC/ACT	0.0	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Time B4	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPT Duc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Time To Reduce	0	20	0	0	0	20	0	0	0	0	0	0	0	0	0	0
Min Gap	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Controller Overlaps
Vehicle Overlaps (MM)2-2

Overlap	Type	Lag Green	Yellow	Red	Advance Green
B	Normal	0.0	0.0	0.0	0.0
C	Normal	0.0	0.0	0.0	0.0
D	Normal	0.0	0.0	0.0	0.0
E	Normal	0.0	0.0	0.0	0.0
F	Normal	0.0	0.0	0.0	0.0
G	Normal	0.0	0.0	0.0	0.0
H	Normal	0.0	0.0	0.0	0.0
I	Normal	0.0	0.0	0.0	0.0
J	Normal	0.0	0.0	0.0	0.0
K	Normal	0.0	0.0	0.0	0.0
L	Normal	0.0	0.0	0.0	0.0
M	Normal	0.0	0.0	0.0	0.0
N	Normal	0.0	0.0	0.0	0.0
O	Normal	0.0	0.0	0.0	0.0
P	Normal	0.0	0.0	0.0	0.0

Phases

Overlap	Phase	Included	Protect	Ped Protect	Not Overlap	Modifier	Lag X Phase	Lag 2 Phase	Flash Green
A	3	Yes	No	No	No		No	No	0
B	5	Yes	No	No	No		No	No	0
C	7	Yes	No	No	No		No	No	0
D	1	Yes	No	No	No		No	No	0

PPLT FYA

Overlap	Protected Phase	Permissive Phase	Flash Arrow Output	Flash Arrow Channel	FYA Delay	FYA Clearance	Special Function Disable

Guaranteed Minimum Time Data (MM) 2-4
Phase Time Data

Phase	Min Green	Walk	Ped Clear	Yellow	Red Clear	Overlap Green
A01	0	0	7	3.0	0.0	0
B02	0	0	7	3.0	0.0	0
C03	0	0	7	3.0	0.0	0
D04	0	0	7	3.0	0.0	0
E05	0	0	7	3.0	0.0	0
F06	0	0	7	3.0	0.0	0
G07	0	0	7	3.0	0.0	0
H08	0	0	7	3.0	0.0	0
I09	0	0	7	3.0	0.0	0
J10	0	0	7	3.0	0.0	0
K11	0	0	7	3.0	0.0	0
L12	0	0	7	3.0	0.0	0
M13	0	0	7	3.0	0.0	0
N14	0	0	7	3.0	0.0	0
O15	0	0	7	3.0	0.0	0
P16	0	0	7	3.0	0.0	0

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Controller **Pedestrian Overlaps**
Pedestrian Overlaps (MM) 2-3

Included Phase	Ped Overlap

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Controller Start/Fash (MM) 2-5

Startup

Phase	Phase Setting
2	Y
6	Y

Overlap

Flash > Mon:	No
Flash Time:	0
All Red:	0
Power Start Sequence:	1
MUTCD Enabled:	No
MUTCD Yellow to Green:	n/a

Automatic Flash

Entry Phase
2
6

Exit Phase
2
6

Overlap Exit

Flash > Mon:	No
Exit Flash Interval:	Y
Minimum Auto Flash:	8
Minimumin Recall:	No
Cycle Through Phase:	No

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Controller Options

Controller Options (MM)2-6-1

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Flashing Green Phase																
Guaranteed Passage																
Non Act 1		X				X										
Non Act 2				X				X								
Dual Entry		X		X		X		X								
Conditional Service																
Conditional Reservice																
Ped Reservice																
Rest In Walk																
Flashing Walk																
Ped Clear Yellow																
Ped Clear Red																
IGRN + Veh Ext																

Ped Clear Protect: On Red Revert: 2.0 MUTCD 3 Seconds Don't Walk: No

Act Pre-Time (MM)2-7

Pre-Time Mode Enable: No Free Input Enables Pre-Timed: Yes

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Pre-Timed Phase																

Phase Recall Options (MM)2-8

Plan 1

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lock Detector		X		X		X		X								
Vehicle Recall		X				X										
Ped Recall																
Max Recall																
Soft Recall																
No Rest																
AI Calc																

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Coordination Options

Coordination Options (MM)3-1

Manual Pattern	Auto	ECPI Coord	Yes
System Source	SYS	System Format	STD
Splits In	Percent	Offsets In	Percent
Transition	Smooth	Max Select	MAXINH
Dwell/Add Time	0		
Delay Coord Walk to LZ	No	Force Off	Fixed
Offset Reference	Lead	Use Ped Time	No
Ped Recall	No	Ped Reservice	Yes
Local Zero Override	No	FO Added Initial Green	Yes
Re-Sync Count	3	Multisync	No

Auto Perm Minimum Green (Seconds) (MM)3-4

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Minimum Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Split Demand (MM)3-5

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Demand 1																
Demand 2																

Demand	1	2
Detector	0	0
Call Time (Sec)	0	0
Cycle Count	0	0

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Coordination Pattern Data
Pattern Data (MM)3-2

Pattern - 1

Split Pattern	1	TS2 (Pat-Off)	0-1	Splits in	Percent
Cycle	100	Std (COS)	111	Offsets in	Percent
Offset Value	98%	Dwell/Add Time	0		
Actuated Coord	Yes	Timing Plan	0		
Actuated Walk Rest	No	Sequence	0		
Phase Reservice	No	Action Plan	0		
Max Select	None	Force Off	None		

Split Preference Phases

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Description																
Splits (Split Pat 1)	16	44	15	25	23	37	15	25	0	0	0	0	0	0	0	0
Preference 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preference 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ring	1	2	3	4
Ring Split Ext	0	0	0	0
Ring Disp.	-	0	0	0
Split Sum	100%	100%	0%	0%

Misc. Data

Veh. Permissive 1	0	Veh. Permissive 2	0	Veh. Permissive 2 Disp.	0
Split Demand Pat 1	0	Split Demand Pat 2	0	Crossing Arterial Pat	0

Split Pattern Data

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Coordinated Phases		X				X										
Vehicle Recalls																
Ped Recalls																
Max Recalls																
Phase Omit									X	X	X	X	X	X	X	X
Special Function Output																

Pattern - 2

Split Pattern	2	TS2 (Pat-Off)	0-2	Splits in	Percent
Cycle	135	Std (COS)	211	Offsets in	Percent
Offset Value	41%	Dwell/Add Time	0		
Actuated Coord	Yes	Timing Plan	0		
Actuated Walk Rest	No	Sequence	0		
Phase Reservice	No	Action Plan	0		
Max Select	None	Force Off	None		

Split Preference Phases

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Description																
Splits (Split Pat 2)	11	52	11	26	27	36	11	26	0	0	0	0	0	0	0	0
Preference 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preference 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ring	1	2	3	4
Ring Split Ext	0	0	0	0
Ring Disp.	-	0	0	0
Split Sum	100%	100%	0%	0%

Misc. Data

Veh. Permissive 1	0	Veh. Permissive 2	0	Veh. Permissive 2 Disp.	0
Split Demand Pat 1	0	Split Demand Pat 2	0	Crossing Arterial Pat	0

Split Pattern Data

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Coordinated Phases		X				X										
Vehicle Recalls																
Ped Recalls																
Max Recalls																
Phase Omit									X	X	X	X	X	X	X	X
Special Function Output																

Pattern - 3

Split Pattern	3	TS2 (Pat-Off)	0-3	Splits in	Percent
Cycle	140	Std (COS)	311	Offsets in	Percent
Offset Value	35%	Dwell/Add Time	0		
Actuated Coord	Yes	Timing Plan	0		
Actuated Walk Rest	No	Sequence	0		
Phase Reservice	No	Action Plan	0		
Max Select	None	Force Off	None		

Split Preference Phases

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Description																
Splits (Split Pat 3)	12	47	16	25	27	32	16	25	0	0	0	0	0	0	0	0
Preference 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Preference 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ring	1	2	3	4
Ring Split Ext	0	0	0	0
Ring Disp.	-	0	0	0
Split Sum	100%	100%	0%	0%

Misc. Data

Veh. Permissive 1	0	Veh. Permissive 2	0	Veh. Permissive 2 Disp.	0
Split Demand Pat 1	0	Split Demand Pat 2	0	Crossing Arterial Pat	0

Split Pattern Data

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Coordinated Phases		X				X										
Vehicle Recalls																
Ped Recalls																
Max Recalls																
Phase Omit									X	X	X	X	X	X	X	X
Special Function Output																

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Preemptor

Preempt Plan (MM)4-1

Plan 3

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Overlap	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Track Clear Vehicle																
Track Clear Overlap																
Enable Trailing	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Dwell Vehicle		X				X										
Dwell Ped																
Dwell Overlap																
Cycling Vehicle																
Cycling Ped																
Cycling Overlap																
Exit Phase																
Exit Calls																
Special Funciton																

Enable	Yes	Preempt Override	No	Interlock Enable	No
Detector Lock	No	Delay	0	Inhibit	0
Override Flash	No	Duration	0	CLR > GRN	No
Term Overlap Asap	No	PC Through Yellow	No	Terminate Phase	No
Ped Dark	No	Track Clear Rsrv	No	Dwell Flash	Off
Linked Pmt	0	Flash Exit Color	Green	Exit Option	Off
Exit Timing Plan	0	Reservice	0	Fault Type	Hard

Ring	1	2	3	4
Free During Preempt	No	No	No	No

Timing	Walk	Ped Clr	Min Grn	Yellow	Red
Entrance	0	255	5	25.5	25.5
	Min Grn	**Ext Grn**	**Max Grn**	**Yellow**	**Red**
Track Clear	0	0	0	25.5	25.5
	Min Dwell	**Pmt Ext**	**Max Time**	**Yellow**	**Red**
Dwell / Cycle-Exit	10	0.0	180	25.5	25.5

Preempt Active Out	F1	Preempt Active Dwell	No
Other Priority Preempt	F1	Non-Priority Preempt	On
Inhibit Extension Time	0.0	Ped Priority Return	Off
Veh Priority Return	Off	Queue Delay	Off
Conditional Delay	Off		

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Veh Pri Return % Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 4

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Overlap	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**
Track Clear Vehicle																
Track Clear Overlap																
Enable Trailing	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Dwell Vehicle				X				X								
Dwell Ped																
Dwell Overlap																
Cycling Vehicle																
Cycling Ped																
Cycling Overlap																
Exit Phase																
Exit Calls																
Special Funciton																

Enable	Yes	Preempt Override	No	Interlock Enable	No
Detector Lock	No	Delay	0	Inhibit	0
Override Flash	No	Duration	0	CLR > GRN	No
Term Overlap Asap	No	PC Through Yellow	No	Terminate Phase	No
Ped Dark	No	Track Clear Rsrv	No	Dwell Flash	Off
Linked Pmt	0	Flash Exit Color	Green	Exit Option	Off
Exit Timing Plan	0	Reservice	0	Fault Type	Hard

Ring	1	2	3	4
Free During Preempt	No	No	No	No

Timing	Walk	Ped Clr	Min Grn	Yellow	Red
Entrance	0	255	5	25.5	25.5
	Min Grn	**Ext Grn**	**Max Grn**	**Yellow**	**Red**
Track Clear	0	0	0	25.5	25.5
	Min Dwell	**Pmt Ext**	**Max Time**	**Yellow**	**Red**
Dwell / Cycle-Exit	10	0.0	180	25.5	25.5

Preempt Active Out	F1	Preempt Active Dwell	No
Other Priority Preempt	F1	Non-Priority Preempt	On
Inhibit Extension Time	0.0	Ped Priority Return	Off
Veh Priority Return	Off	Queue Delay	Off
Conditional Delay	Off		

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Veh Pri Return % Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Time Base Clock/Calendar
Clock/Calendar Options (MM)5-1

Enable Action Plan:	0
Sync Reference Time:	3:15 AM
Sync Reference:	Reference Time
Day Light Savings:	USDLS
Time Reset Input Set Time:	3:30:00
Standard Time From GMT:	0

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Time Base Action Plan
Action Plan (MM)5-2

Action Plan - 1

Pattern	1	Override System	No
Timing Plan	0	Sequence	0
Veh Det Plan	0	Detector Log	None
Flash	No	Red Rest	No
Veh Det Diag Plan	0	Ped Det Diag Plan	0
Diming Enable	No	Veh Priority Return	No
Ped Priority Return	No	Queue Delay	No
Prempt Cond Delay	No		

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																
Special Function																
Auxilliary Function																

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LP 1-15															
LP 16-30															
LP 31-45															
LP 46-60															
LP 61-75															
LP 76-90															
LP 91-100															

Action Plan - 2

Pattern	2	Override System	No
Timing Plan	0	Sequence	0
Veh Det Plan	0	Detector Log	None
Flash	No	Red Rest	No
Veh Det Diag Plan	0	Ped Det Diag Plan	0
Diming Enable	No	Veh Priority Return	No
Ped Priority Return	No	Queue Delay	No
Prempt Cond Delay	No		

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																
Special Function																
Auxilliary Function																

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LP 1-15															
LP 16-30															
LP 31-45															
LP 46-60															
LP 61-75															
LP 76-90															
LP 91-100															

Action Plan - 3

Pattern	3	Override System	No
Timing Plan	0	Sequence	0
Veh Det Plan	0	Detector Log	None
Flash	No	Red Rest	No
Veh Det Diag Plan	0	Ped Det Diag Plan	0
Diming Enable	No	Veh Priority Return	No
Ped Priority Return	No	Queue Delay	No
Prempt Cond Delay	No		

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																
Special Function																
Auxilliary Function																

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LP 1-15															
LP 16-30															
LP 31-45															
LP 46-60															
LP 61-75															
LP 76-90															
LP 91-100															

Action Plan - 100

Pattern	254 - FREE	Override System	No
Timing Plan	0	Sequence	0
Veh Det Plan	0	Detector Log	None
Flash	No	Red Rest	No
Veh Det Diag Plan	0	Ped Det Diag Plan	0
Diming Enable	No	Veh Priority Return	No
Ped Priority Return	No	Queue Delay	No
Prempt Cond Delay	No		

Phase	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																

Special Function								
Auxilliary Function								

	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
LP 1-15															
LP 16-30															
LP 31-45															
LP 46-60															
LP 61-75															
LP 76-90															
LP 91-100															

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Time Base Day Plan/Schedule
Day Plan (MM)5-3

Day Plan - 1

Event	Action Plan	Start Time
1	2	6:00 AM
2	1	9:30 AM
3	3	3:30 PM
4	1	6:30 PM
5	100	10:00 PM

Day Plan - 2

Event	Action Plan	Start Time
1	1	7:00 AM
2	100	11:00 PM

Day Plan - 3

Event	Action Plan	Start Time
1	1	9:00 AM
2	100	10:00 PM

Schedule (MM)5-4

Schedule Number - 1

Day Plan Number: 1

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	X	X	X	X	X	X	X	X	X	X	X	X

Day of Week	Sun	Mon	Tue	Wed	Thur	Fri	Sat
		X	X	X	X	X	

Day of Month	1	2	3	4	5	6	7	8	9	10	11
	X	X	X	X	X	X	X	X	X	X	X
	12	13	14	15	16	17	18	19	20	21	22
	X	X	X	X	X	X	X	X	X	X	X
	23	24	25	26	27	28	29	30	31		
	X	X	X	X	X	X	X	X	X		

Schedule Number - 2

Day Plan Number: 2

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	X	X	X	X	X	X	X	X	X	X	X	X

Day of Week	Sun	Mon	Tue	Wed	Thur	Fri	Sat
							X

Day of Month	1	2	3	4	5	6	7	8	9	10	11
	X	X	X	X	X	X	X	X	X	X	X
	12	13	14	15	16	17	18	19	20	21	22
	X	X	X	X	X	X	X	X	X	X	X
	23	24	25	26	27	28	29	30	31		
	X	X	X	X	X	X	X	X	X		

Schedule Number - 3

Day Plan Number: 3

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	X	X	X	X	X	X	X	X	X	X	X	X

Day of Week	Sun	Mon	Tue	Wed	Thur	Fri	Sat
	X						

Day of Month	1	2	3	4	5	6	7	8	9	10	11
	X	X	X	X	X	X	X	X	X	X	X
	12	13	14	15	16	17	18	19	20	21	22
	X	X	X	X	X	X	X	X	X	X	X
	23	24	25	26	27	28	29	30	31		
	X	X	X	X	X	X	X	X	X		

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Time Base Exceptions
Exception Day Program (MM)5-5

Day	Fixed/Float	Month	Day of Week/Month	Week of Month/Year	Day Plan
37	FIXED	255	255	65535	255
38	FIXED	255	255	65535	255
39	FIXED	255	255	65535	255
40	FIXED	255	255	65535	255
41	FIXED	255	255	65535	255
42	FIXED	255	255	65535	255
43	FIXED	255	255	65535	255
44	FIXED	255	255	65535	255
45	FIXED	255	255	65535	255
46	FIXED	255	255	65535	255
47	FIXED	255	255	65535	255
48	FIXED	255	255	65535	255
49	FIXED	255	255	65535	255
50	FIXED	255	255	65535	255
51	FIXED	255	255	65535	255
52	FIXED	255	255	65535	255
53	FIXED	255	255	65535	255
54	FIXED	255	255	65535	255
55	FIXED	255	255	65535	255
56	FIXED	255	255	65535	255
57	FIXED	255	255	65535	255
58	FIXED	255	255	65535	255
59	FIXED	255	255	65535	255
60	FIXED	255	255	65535	255
61	FIXED	255	255	65535	255
62	FIXED	255	255	65535	255
63	FIXED	255	255	65535	255
64	FIXED	255	255	65535	255
65	FIXED	255	255	65535	255
66	FIXED	255	255	65535	255
67	FIXED	255	255	65535	255
68	FIXED	255	255	65535	255
69	FIXED	255	255	65535	255
70	FIXED	255	255	65535	255
71	FIXED	255	255	65535	255
72	FIXED	255	255	65535	255
73	FIXED	255	255	65535	255
74	FIXED	255	255	65535	255
75	FIXED	255	255	65535	255
76	FIXED	255	255	65535	255
77	FIXED	255	255	65535	255
78	FIXED	255	255	65535	255
79	FIXED	255	255	65535	255
80	FIXED	255	255	65535	255
81	FIXED	255	255	65535	255
82	FIXED	255	255	65535	255
83	FIXED	255	255	65535	255
84	FIXED	255	255	65535	255
85	FIXED	255	255	65535	255
86	FIXED	255	255	65535	255
87	FIXED	255	255	65535	255
88	FIXED	255	255	65535	255
89	FIXED	255	255	65535	255
90	FIXED	255	255	65535	255

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Detectors

Detectors Page 1

Vehicle Detectors Setup (MM)6-1

Vehicle Plan	Detector Number	Called	Type
1	7	8	S
1	8	4	S

Vehicle Detector Setup (MM)6-2 continued

Detector Number	Type	TS2 Detector	Detector Description
1	S-STANDARD	Yes	
2	S-STANDARD	Yes	
3	S-STANDARD	Yes	
4	S-STANDARD	Yes	
5	S-STANDARD	Yes	
6	C-CALLING	Yes	
7	S-STANDARD	Yes	
8	S-STANDARD	Yes	
9	S-STANDARD	Yes	
10	S-STANDARD	Yes	
11	S-STANDARD	Yes	
12	C-CALLING	Yes	
13	S-STANDARD	Yes	
14	S-STANDARD	Yes	
15	S-STANDARD	Yes	
16	S-STANDARD	Yes	
17	S-STANDARD	Yes	
18	S-STANDARD	Yes	
19	S-STANDARD	Yes	
20	S-STANDARD	Yes	
21	S-STANDARD	Yes	
22	S-STANDARD	Yes	
23	S-STANDARD	Yes	
24	S-STANDARD	Yes	
25	S-STANDARD	Yes	
26	S-STANDARD	Yes	
27	S-STANDARD	Yes	
28	S-STANDARD	Yes	
29	S-STANDARD	Yes	
30	S-STANDARD	Yes	
31	S-STANDARD	Yes	
32	S-STANDARD	Yes	
33	S-STANDARD	Yes	
34	S-STANDARD	Yes	
35	S-STANDARD	Yes	
36	S-STANDARD	Yes	
37	S-STANDARD	Yes	
38	S-STANDARD	Yes	
39	S-STANDARD	Yes	
40	S-STANDARD	Yes	
41	S-STANDARD	Yes	
42	S-STANDARD	Yes	
43	S-STANDARD	Yes	
44	S-STANDARD	Yes	
45	S-STANDARD	Yes	
46	S-STANDARD	Yes	
47	S-STANDARD	Yes	
48	S-STANDARD	Yes	
49	S-STANDARD	Yes	
50	S-STANDARD	Yes	
51	S-STANDARD	Yes	
52	S-STANDARD	Yes	
53	S-STANDARD	Yes	
54	S-STANDARD	Yes	
55	S-STANDARD	Yes	
56	S-STANDARD	Yes	
57	S-STANDARD	Yes	
58	S-STANDARD	Yes	

59	S-STANDARD	Yes	
60	S-STANDARD	Yes	
61	S-STANDARD	Yes	
62	S-STANDARD	Yes	
63	S-STANDARD	Yes	
64	S-STANDARD	Yes	

Vehicle Detector Setup (MM)6-2 continued

Det Num	Veh Det Plan	Phase	ECPI Log	Call Option	Delay Time	Ext Option	Extend Time / Passage Time	Queue Lim / Discon. Time	Use Added Initial	Cross Switch Phase	Lock In	NTCIP Vol.	NTCIP Occ.	Pmt Queue Delay
1	1	2	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
1	2	1	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
1	3	1	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
1	4	1	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
2	1	6	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
2	2	2	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
2	3	2	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
2	4	2	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
3	1	1	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
3	2	3	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
3	3	3	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
3	4	3	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
4	1	5	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
4	2	4	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
4	3	4	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
4	4	4	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
5	1	4	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
5	2	5	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
5	3	5	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
5	4	5	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
6	1	4	Yes	Yes	0.0	None	0.0	0	Yes	0	None	No	No	No
6	2	6	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
6	3	6	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
6	4	6	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
7	1	3	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
7	2	7	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
7	3	7	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
7	4	7	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
8	1	7	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
8	2	8	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
8	3	8	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
8	4	8	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
9	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
9	2	9	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
9	3	9	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
9	4	9	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
10	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
10	2	10	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
10	3	10	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
10	4	10	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
11	1	8	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
11	2	11	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
11	3	11	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
11	4	11	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
12	1	8	Yes	Yes	0.0	None	0.0	0	Yes	0	None	No	No	No
12	2	12	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
12	3	12	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
12	4	12	No	Yes	0.0	None	0.0	0	No	0	None	No	No	No
13	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
13	2	13	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
13	3	13	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
13	4	13	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
14	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
14	2	14	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
14	3	14	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
14	4	14	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
15	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
15	2	15	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
15	3	15	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
15	4	15	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
16	1	0	Yes	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
16	2	16	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
16	3	16	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
16	4	16	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No

17	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
17	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
17	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
17	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
18	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
18	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
18	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
18	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
19	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
19	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
19	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
19	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
20	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
20	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
20	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
20	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
21	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
21	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
21	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
21	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
22	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
22	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
22	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
22	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
23	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
23	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
23	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
23	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
24	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
24	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
24	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
24	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
25	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
25	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
25	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
25	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
26	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
26	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
26	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
26	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
27	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
27	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
27	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
27	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
28	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
28	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
28	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
28	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
29	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
29	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
29	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
29	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
30	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
30	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
30	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
30	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
31	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
31	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
31	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
31	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
32	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
32	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
32	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
32	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
33	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
33	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
33	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
33	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
34	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
34	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
34	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
34	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
35	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
35	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
35	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
35	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No

	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
36	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
36	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
36	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
37	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
37	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
37	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
37	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
38	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
38	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
38	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
38	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
39	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
39	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
39	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
39	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
40	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
40	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
40	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
40	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
41	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
41	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
41	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
41	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
42	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
42	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
42	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
42	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
43	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
43	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
43	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
43	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
44	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
44	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
44	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
44	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
45	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
45	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
45	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
45	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
46	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
46	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
46	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
46	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
47	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
47	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
47	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
47	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
48	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
48	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
48	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
48	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
49	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
49	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
49	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
49	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
50	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
50	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
50	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
50	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
51	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
51	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
51	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
51	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
52	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
52	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
52	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
52	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
53	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
53	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
53	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
53	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
54	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
54	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
54	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
54	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No

	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
55	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
55	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
55	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
56	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
56	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
56	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
56	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
57	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
57	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
57	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
57	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
58	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
58	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
58	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
58	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
59	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
59	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
59	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
59	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
60	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
60	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
60	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
60	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
61	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
61	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
61	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
61	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
62	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
62	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
62	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
62	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
63	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
63	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
63	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
63	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
64	1	0	Yes	Yes	0.0	Passage	0.0	0	Yes	0	None	No	No	No
64	2	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
64	3	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No
64	4	0	No	Yes	0.0	Passage	0.0	0	No	0	None	No	No	No

Ped Detector Options (MM)6-3

Phase Ped Detector (NTCIP)

Local Ped Detector	Number
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16

IL 68 (Dundee Rd) & IL 43 (Waukegan) - IL 68 (Dundee Rd) & Skokie Blvd

Detectors

Detectors Page 2

Log - Speed Detector Setup (MM)6-4

NTCIP Log Period: 0 ECPI Log Period: TBAP Length Unit: Inch

Speed Detector	Local Detector	One/Two Detector	Vehicle Length	Trap Length	Enable Log
1	0	1	0	0	No
2	0	1	0	0	No
3	0	1	0	0	No
4	0	1	0	0	No
5	0	1	0	0	No
6	0	1	0	0	No
7	0	1	0	0	No
8	0	1	0	0	No
9	0	1	0	0	No
10	0	1	0	0	No
11	0	1	0	0	No
12	0	1	0	0	No
13	0	1	0	0	No
14	0	1	0	0	No
15	0	1	0	0	No
16	0	1	0	0	No

Vehicle Detector Diagnostics (MM)6-5

Plan	Detector	Counts	Act	Pres	Multiplier	Failed Time	Failed Call Delay
1	1	0	0	0	1	255	0
1	2	0	0	0	1	255	0
1	3	0	0	0	1	255	0
1	4	0	0	0	1	255	0
1	5	0	0	0	1	255	0
1	6	0	0	0	1	255	0
1	7	0	0	0	1	255	0
1	8	0	0	0	1	255	0
1	9	0	0	0	1	255	0
1	10	0	0	0	1	255	0
1	11	0	0	0	1	255	0
1	12	0	0	0	1	255	0
1	13	0	0	0	1	255	0
1	14	0	0	0	1	255	0
1	15	0	0	0	1	255	0
1	16	0	0	0	1	255	0
1	17	0	0	0	1	255	0
1	18	0	0	0	1	255	0
1	19	0	0	0	1	255	0
1	20	0	0	0	1	255	0
1	21	0	0	0	1	255	0
1	22	0	0	0	1	255	0
1	23	0	0	0	1	255	0
1	24	0	0	0	1	255	0
1	25	0	0	0	1	255	0
1	26	0	0	0	1	255	0
1	27	0	0	0	1	255	0
1	28	0	0	0	1	255	0
1	29	0	0	0	1	255	0
1	30	0	0	0	1	255	0
1	31	0	0	0	1	255	0
1	32	0	0	0	1	255	0

Pedestrian Detector Diagnotics (MM)6-6

Plan	Detector	Counts	Act	Pres	Multiplier

Colliers Engineering & Design

Traffic Impact Study

Appendix E | Trip Generation Calculations

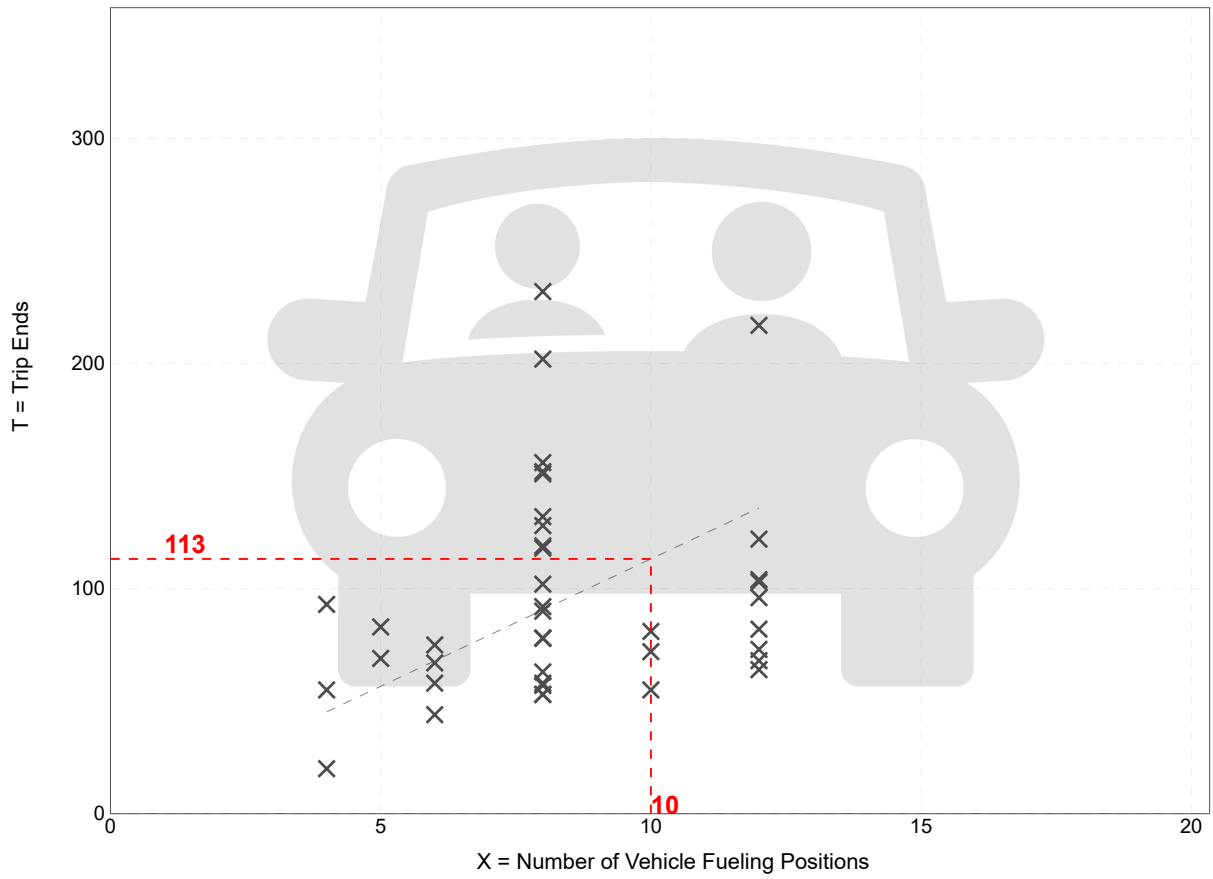
Gasoline/Service Station
(944)

Vehicle Trip Ends vs:	**Vehicle Fueling Positions**
On a:	**Weekday,** **Peak Hour of Adjacent Street Traffic,** **One Hour Between 7 and 9 a.m.**
Setting/Location:	**General Urban/Suburban**
Number of Studies:	41
Avg. Num. of Vehicle Fueling Positions:	8
Directional Distribution:	50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
11.32	5.00 - 29.00	5.68

Data Plot and Equation



Fitted Curve Equation: Not Given

R^2= ****

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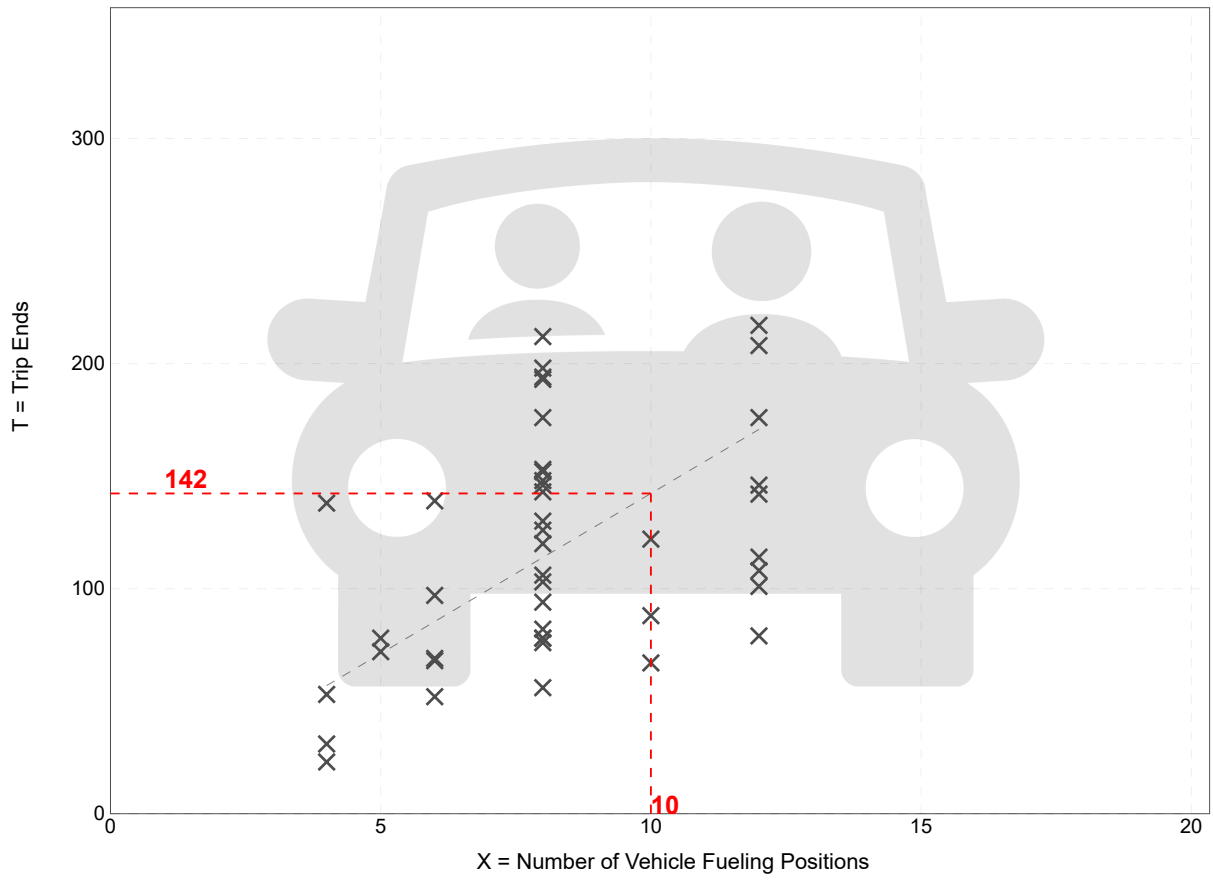
Gasoline/Service Station
(944)

Vehicle Trip Ends vs:	**Vehicle Fueling Positions**
On a:	**Weekday,** **Peak Hour of Adjacent Street Traffic,** **One Hour Between 4 and 6 p.m.**
Setting/Location:	**General Urban/Suburban**
Number of Studies:	44
Avg. Num. of Vehicle Fueling Positions:	8
Directional Distribution:	50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
14.23	5.75 - 34.50	5.83

Data Plot and Equation



Fitted Curve Equation: Not Given

R^2= ****

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Gasoline/Service Station
(944)

Vehicle Trip Ends vs: **Vehicle Fueling Positions**
On a: **Saturday, Peak Hour of Generator**

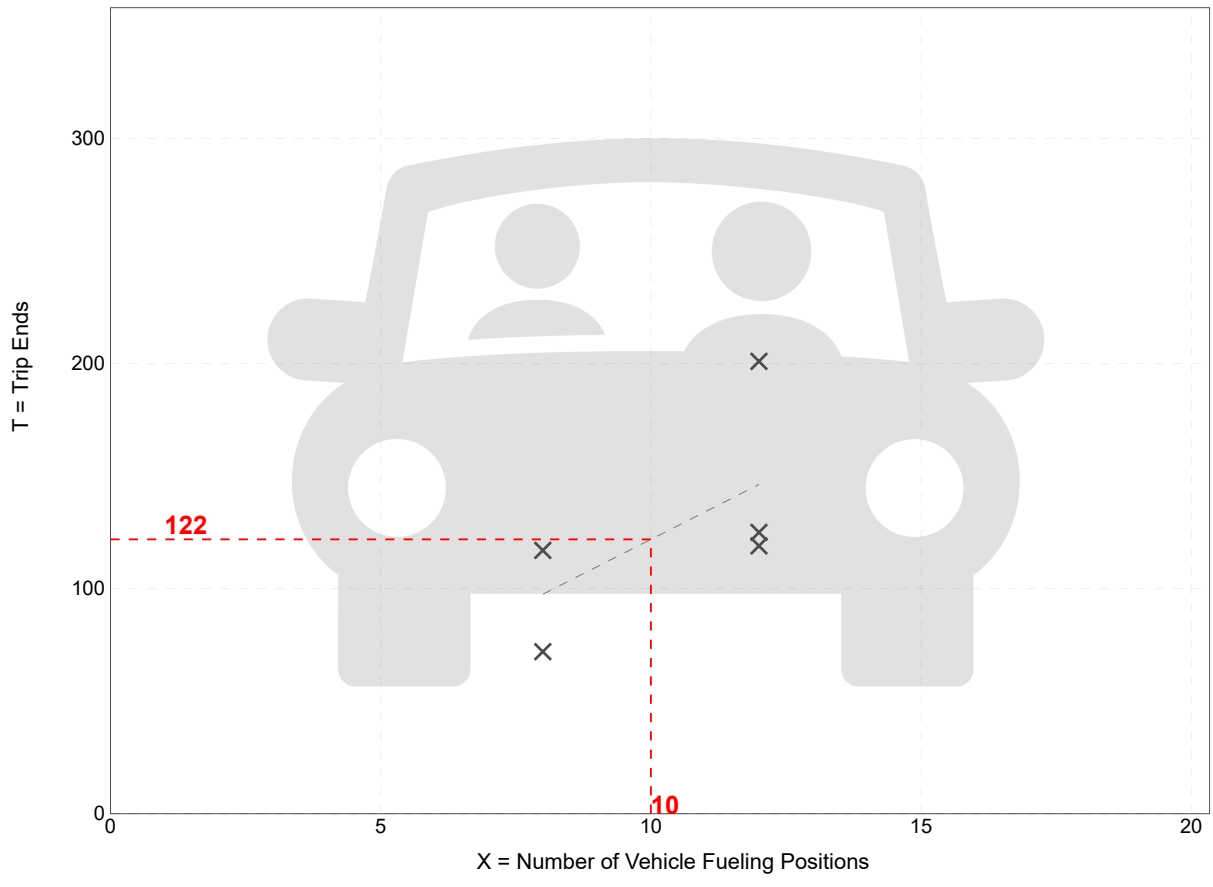
Setting/Location: **General Urban/Suburban**
Number of Studies: 5
Avg. Num. of Vehicle Fueling Positions: 10
Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
12.19	9.00 - 16.75	3.39

Data Plot and Equation

Caution – Small Sample Size



Fitted Curve Equation: Not Given

R^2= ****

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Gasoline/Service Station
(944)

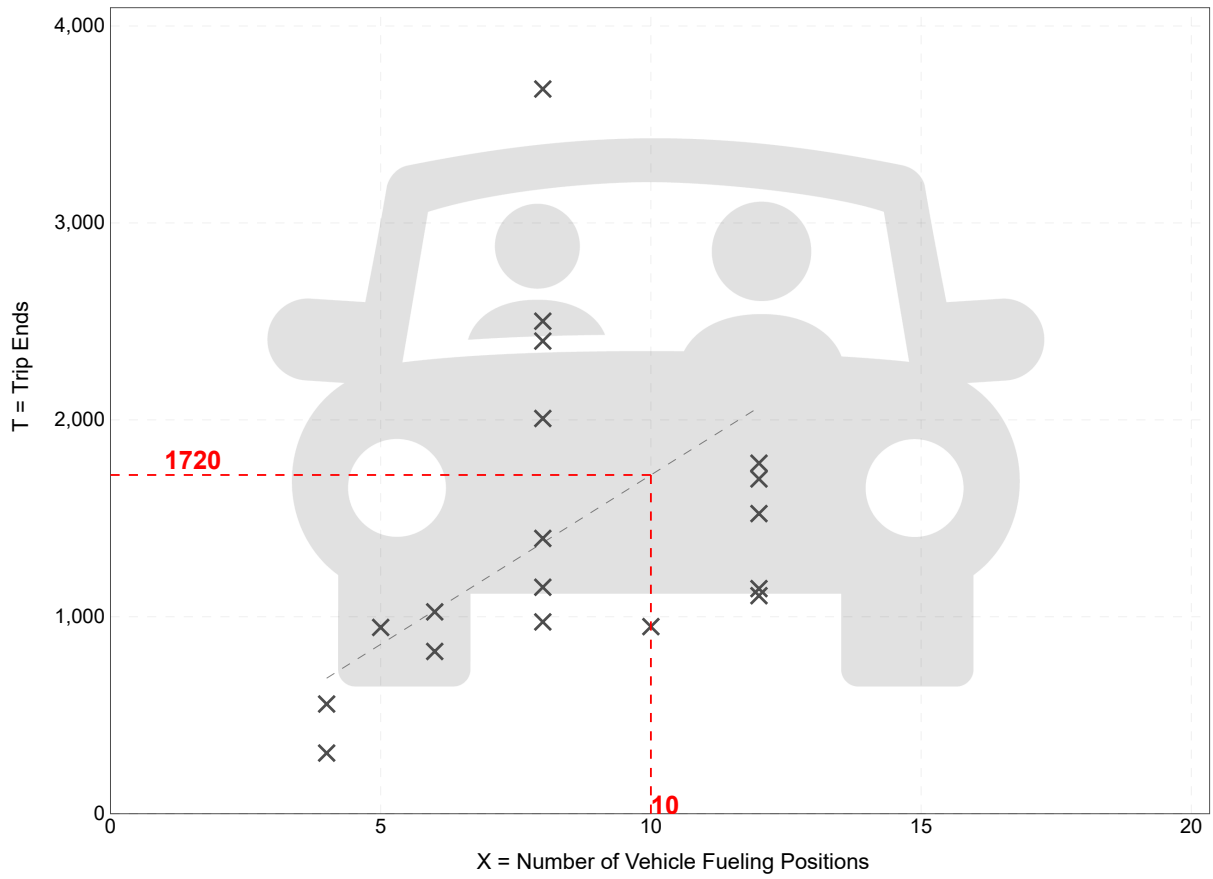
Vehicle Trip Ends vs: **Vehicle Fueling Positions**
On a: **Weekday**

Setting/Location: **General Urban/Suburban**
Number of Studies: 18
Avg. Num. of Vehicle Fueling Positions: 8
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
172.01	77.00 - 460.00	96.45

Data Plot and Equation



Fitted Curve Equation: Not Given

R^2= **

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Colliers Engineering & Design

Traffic Impact Study

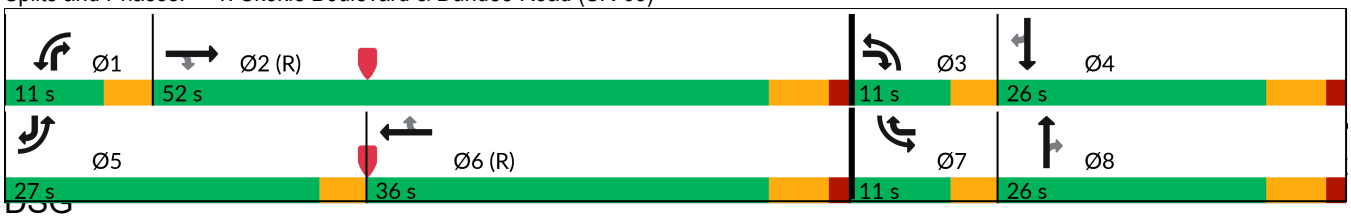
Appendix E | Capacity Analysis

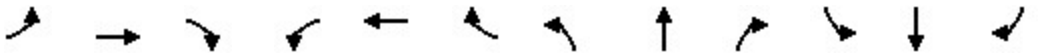
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	289	909	364	264	709	184	127	315	166	146	295	167
Future Volume (vph)	289	909	364	264	709	184	127	315	166	146	295	167
Lane Group Flow (vph)	314	988	396	287	771	200	138	342	180	159	321	182
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	52.0	11.0	11.0	36.0	11.0	11.0	26.0	11.0	11.0	26.0	27.0
Total Split (%)	27.0%	52.0%	11.0%	11.0%	36.0%	11.0%	11.0%	26.0%	11.0%	11.0%	26.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
v/c Ratio	0.81	0.67	0.44	1.41	0.70	0.24	0.73	0.61	0.29	0.80	0.57	0.24
Control Delay (s/veh)	53.6	25.6	9.9	244.2	34.6	5.9	69.2	43.8	11.6	75.2	42.7	10.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	53.6	25.6	9.9	244.2	34.6	5.9	69.2	43.8	11.6	75.2	42.7	10.2
Queue Length 50th (ft)	187	256	93	~233	223	16	87	109	31	102	102	41
Queue Length 95th (ft)	#302	306	159	#443	299	61	#223	150	82	#255	141	76
Internal Link Dist (ft)		489			420			1163			501	
Turn Bay Length (ft)	400		275	300		150	300		280	400		
Base Capacity (vph)	422	1620	904	204	1102	817	188	701	620	198	697	786
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.74	0.61	0.44	1.41	0.70	0.24	0.73	0.49	0.29	0.80	0.46	0.23

Intersection Summary

Cycle Length: 100
Actuated Cycle Length: 100
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	289	909	364	264	709	184	127	315	166	146	295	167
Future Volume (veh/h)	289	909	364	264	709	184	127	315	166	146	295	167
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1894	1879	1924	1909	1894	1811	1856	1945	1870	1868	1914
Adj Flow Rate, veh/h	314	988	296	287	771	138	138	342	72	159	321	92
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	1	3	4	1	2	3	6	3	2	2	7	4
Cap, veh/h	351	1836	932	137	1428	752	129	529	371	134	532	554
Arrive On Green	0.19	0.51	0.51	0.08	0.39	0.39	0.08	0.15	0.15	0.08	0.15	0.15
Sat Flow, veh/h	1833	3599	1593	1833	3628	1605	1725	3526	1648	1781	3549	1622
Grp Volume(v), veh/h	314	988	296	287	771	138	138	342	72	159	321	92
Grp Sat Flow(s),veh/h/ln	1833	1800	1593	1833	1814	1605	1725	1763	1648	1781	1775	1622
Q Serve(g_s), s	16.7	18.5	9.5	7.5	16.4	5.0	7.5	9.1	3.5	7.5	8.5	4.0
Cycle Q Clear(g_c), s	16.7	18.5	9.5	7.5	16.4	5.0	7.5	9.1	3.5	7.5	8.5	4.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	351	1836	932	137	1428	752	129	529	371	134	532	554
V/C Ratio(X)	0.90	0.54	0.32	2.09	0.54	0.18	1.07	0.65	0.19	1.19	0.60	0.17
Avail Cap(c_a), veh/h	431	1836	932	137	1428	752	129	705	453	134	710	635
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.5	16.5	10.6	46.3	23.3	15.4	46.3	40.0	31.4	46.3	39.7	23.0
Incr Delay (d2), s/veh	18.2	1.1	0.9	513.6	1.5	0.5	98.1	1.3	0.3	137.9	1.1	0.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	14.1	11.9	5.8	36.7	11.4	3.3	11.1	7.1	2.5	13.8	6.6	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	57.7	17.7	11.5	559.8	24.8	16.0	144.4	41.3	31.7	184.1	40.8	23.1
LnGrp LOS	E	B	B	F	C	B	F	D	C	F	D	C
Approach Vol, veh/h		1598			1196			552			572	
Approach Delay, s/veh		24.4			152.2			65.8			77.8	
Approach LOS		C			F			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	57.0	11.0	21.0	22.6	45.4	11.0	21.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	7.5	46.0	7.5	20.0	23.5	30.0	7.5	20.0
Max Q Clear Time (g_c+I1), s	9.5	20.5	9.5	10.5	18.7	18.4	9.5	11.1
Green Ext Time (p_c), s	0.0	8.9	0.0	1.5	0.4	4.4	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	77.0
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	61	1567	988	56	0	54
Future Vol, veh/h	61	1567	988	56	0	54
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	6	3	3	4	0	0
Mvmt Flow	71	1822	1149	65	0	63

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1214	0	-	0	-	574
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.22	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.26	-	-	-	-	3.3
Pot Cap-1 Maneuver	549	-	-	-	0	445
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	549	-	-	-	-	445
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	0.47	0	14.42
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	549	-	-	-	445
HCM Lane V/C Ratio	0.129	-	-	-	0.141
HCM Ctrl Dly (s/v)	12.5	-	-	-	14.4
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.4	-	-	-	0.5

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	32	0	755	578	15
Future Vol, veh/h	0	32	0	755	578	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	2	5	13
Mvmt Flow	0	34	0	795	608	16

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	304	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	710	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	710	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	10.33	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	710	-
HCM Lane V/C Ratio	-	0.047	-
HCM Ctrl Dly (s/v)	-	10.3	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.1	-

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	5	10	63	7	25	34
Future Vol, veh/h	5	10	63	7	25	34
Peak Hour Factor	0.74	0.74	0.74	0.74	0.74	0.74
Heavy Vehicles, %	0	10	0	0	0	0
Mvmt Flow	7	14	85	9	34	46
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7	7.4	7.5
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	33%	42%
Vol Thru, %	90%	0%	58%
Vol Right, %	10%	67%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	70	15	59
LT Vol	0	5	25
Through Vol	63	0	34
RT Vol	7	10	0
Lane Flow Rate	95	20	80
Geometry Grp	1	1	1
Degree of Util (X)	0.103	0.022	0.091
Departure Headway (Hd)	3.935	3.865	4.091
Convergence, Y/N	Yes	Yes	Yes
Cap	911	914	876
Service Time	1.96	1.938	2.115
HCM Lane V/C Ratio	0.104	0.022	0.091
HCM Control Delay, s/veh	7.4	7	7.5
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.3	0.1	0.3

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	9	70	7	1	37	1	3	0	0	0	0	1
Future Vol, veh/h	9	70	7	1	37	1	3	0	0	0	0	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	13	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	12	95	9	1	50	1	4	0	0	0	0	1

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	51	0	0	104	0	0	176	178	99	172	182	51
Stage 1	-	-	-	-	-	-	124	124	-	53	53	-
Stage 2	-	-	-	-	-	-	53	54	-	119	128	-
Critical Hdwy	4.23	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.317	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1487	-	-	1500	-	-	783	712	959	795	716	1023
Stage 1	-	-	-	-	-	-	879	792	-	964	854	-
Stage 2	-	-	-	-	-	-	962	851	-	890	794	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1487	-	-	1500	-	-	774	706	959	788	709	1023
Mov Cap-2 Maneuver	-	-	-	-	-	-	774	706	-	788	709	-
Stage 1	-	-	-	-	-	-	872	785	-	963	854	-
Stage 2	-	-	-	-	-	-	960	850	-	883	787	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.78	0.19	9.67	8.52
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	774	185	-	-	46	-	-	1023
HCM Lane V/C Ratio	0.005	0.008	-	-	0.001	-	-	0.001
HCM Ctrl Dly (s/v)	9.7	7.4	0	-	7.4	0	-	8.5
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	2.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	15	39	2	31	86
Future Vol, veh/h	0	15	39	2	31	86
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	0	0	0	0	13	1
Mvmt Flow	0	19	50	3	40	110

Major/Minor	Minor2		Major2	
Conflicting Flow All	103	3	0	0
Stage 1	103	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	796	1087	-	-
Stage 1	819	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	1087	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

Approach	EB	WB
HCM Ctrl Dly, s/v	8.37	
HCM LOS	A	

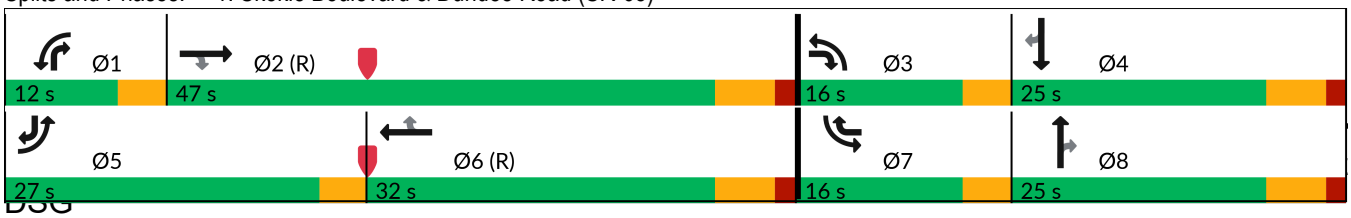
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	1087	-	-
HCM Lane V/C Ratio	0.018	-	-
HCM Ctrl Dly (s/v)	8.4	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	219	683	349	235	780	183	280	399	140	247	624	338
Future Volume (vph)	219	683	349	235	780	183	280	399	140	247	624	338
Lane Group Flow (vph)	228	711	364	245	813	191	292	416	146	257	650	352
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	47.0	16.0	12.0	32.0	16.0	16.0	25.0	12.0	16.0	25.0	27.0
Total Split (%)	27.0%	47.0%	16.0%	12.0%	32.0%	16.0%	16.0%	25.0%	12.0%	16.0%	25.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
v/c Ratio	0.74	0.50	0.40	1.61	0.75	0.22	1.24	0.61	0.23	1.10	0.93	0.47
Control Delay (s/veh)	52.3	23.9	9.9	335.5	37.4	3.3	175.8	41.6	8.7	131.0	60.9	17.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.3	23.9	9.9	335.5	37.4	3.3	175.8	41.6	8.7	131.0	60.9	17.4
Queue Length 50th (ft)	138	172	89	~225	241	1	~245	128	16	~200	216	122
Queue Length 95th (ft)	207	225	149	#377	#363	40	#410	180	59	#356	#323	180
Internal Link Dist (ft)		489			420			1163			501	
Turn Bay Length (ft)	400		275	300		150	300		280	400		
Base Capacity (vph)	403	1458	912	152	1085	876	236	679	631	233	701	837
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.57	0.49	0.40	1.61	0.75	0.22	1.24	0.61	0.23	1.10	0.93	0.42

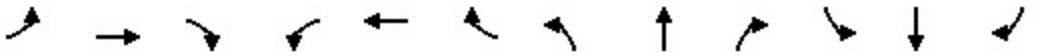
Intersection Summary

Cycle Length: 100
Actuated Cycle Length: 100
Offset: 41 (41%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 80
Control Type: Actuated-Coordinated
~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)



DSG



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	219	683	349	235	780	183	280	399	140	247	624	338
Future Volume (veh/h)	219	683	349	235	780	183	280	399	140	247	624	338
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1909	1909	1909	1924	1924	1939	1885	1885	1976	1870	1961	1961
Adj Flow Rate, veh/h	228	711	269	245	813	106	292	416	69	257	650	309
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	1	1	0	1	1	0	2	1	1
Cap, veh/h	266	1487	866	156	1275	778	224	681	461	223	708	559
Arrive On Green	0.15	0.41	0.41	0.09	0.35	0.35	0.13	0.19	0.19	0.13	0.19	0.19
Sat Flow, veh/h	1818	3628	1618	1833	3656	1644	1795	3582	1675	1781	3725	1662
Grp Volume(v), veh/h	228	711	269	245	813	106	292	416	69	257	650	309
Grp Sat Flow(s),veh/h/ln	1818	1814	1618	1833	1828	1644	1795	1791	1675	1781	1863	1662
Q Serve(g_s), s	12.2	14.4	9.3	8.5	18.6	3.6	12.5	10.6	3.1	12.5	17.1	15.2
Cycle Q Clear(g_c), s	12.2	14.4	9.3	8.5	18.6	3.6	12.5	10.6	3.1	12.5	17.1	15.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	266	1487	866	156	1275	778	224	681	461	223	708	559
V/C Ratio(X)	0.86	0.48	0.31	1.57	0.64	0.14	1.30	0.61	0.15	1.15	0.92	0.55
Avail Cap(c_a), veh/h	427	1487	866	156	1275	778	224	681	461	223	708	559
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.7	21.6	13.0	45.8	27.3	14.8	43.8	37.1	27.4	43.8	39.7	27.1
Incr Delay (d2), s/veh	9.5	1.1	0.9	286.3	2.4	0.4	164.1	1.6	0.1	108.2	17.0	1.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.1	10.1	6.0	26.1	13.0	2.4	24.5	8.2	2.2	18.8	14.2	9.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	51.1	22.8	13.9	332.0	29.7	15.2	207.9	38.7	27.6	152.0	56.8	28.2
LnGrp LOS	D	C	B	F	C	B	F	D	C	F	E	C
Approach Vol, veh/h		1208			1164			777			1216	
Approach Delay, s/veh		26.1			92.0			101.3			69.6	
Approach LOS		C			F			F			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	47.0	16.0	25.0	18.1	40.9	16.0	25.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	8.5	41.0	12.5	19.0	23.5	26.0	12.5	19.0
Max Q Clear Time (g_c+I1), s	10.5	16.4	14.5	19.1	14.2	20.6	14.5	12.6
Green Ext Time (p_c), s	0.0	6.1	0.0	0.0	0.4	2.6	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	69.2
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	91	1304	1481	57	0	136
Future Vol, veh/h	91	1304	1481	57	0	136
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	1	1	2	0	0	0
Mvmt Flow	94	1344	1527	59	0	140

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1586	0	-	0	-	763
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.12	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.21	-	-	-	-	3.3
Pot Cap-1 Maneuver	415	-	-	-	0	329
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	415	-	-	-	-	329
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.06	0	23.78
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	415	-	-	-	329
HCM Lane V/C Ratio	0.226	-	-	-	0.426
HCM Ctrl Dly (s/v)	16.2	-	-	-	23.8
HCM Lane LOS	C	-	-	-	C
HCM 95th %tile Q(veh)	0.9	-	-	-	2

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	81	0	773	1204	41
Future Vol, veh/h	0	81	0	773	1204	41
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	1	0
Mvmt Flow	0	86	0	822	1281	44

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	640	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.72	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.31	-	-	-	-
Pot Cap-1 Maneuver	0	435	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	435	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	15.3	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	435	-
HCM Lane V/C Ratio	-	0.198	-
HCM Ctrl Dly (s/v)	-	15.3	-
HCM Lane LOS	-	C	-
HCM 95th %tile Q(veh)	-	0.7	-

Intersection	
Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	19	22	84	15	66	55
Future Vol, veh/h	19	22	84	15	66	55
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	0	0	0	0	2	0
Mvmt Flow	20	23	88	16	69	58
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.4	7.6	8
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	46%	55%
Vol Thru, %	85%	0%	45%
Vol Right, %	15%	54%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	99	41	121
LT Vol	0	19	66
Through Vol	84	0	55
RT Vol	15	22	0
Lane Flow Rate	104	43	127
Geometry Grp	1	1	1
Degree of Util (X)	0.115	0.05	0.148
Departure Headway (Hd)	3.98	4.172	4.197
Convergence, Y/N	Yes	Yes	Yes
Cap	894	864	851
Service Time	2.034	2.172	2.24
HCM Lane V/C Ratio	0.116	0.05	0.149
HCM Control Delay, s/veh	7.6	7.4	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.4	0.2	0.5

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	93	30	2	71	1	17	0	6	0	0	4
Future Vol, veh/h	4	93	30	2	71	1	17	0	6	0	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	4	104	34	2	80	1	19	0	7	0	0	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	81	0	0	138	0	0	215	216	121	198	232	80
Stage 1	-	-	-	-	-	-	130	130	-	85	85	-
Stage 2	-	-	-	-	-	-	84	85	-	113	147	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1530	-	-	1458	-	-	737	677	932	765	672	985
Stage 1	-	-	-	-	-	-	872	786	-	928	828	-
Stage 2	-	-	-	-	-	-	924	824	-	896	779	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1530	-	-	1458	-	-	731	674	932	756	668	985
Mov Cap-2 Maneuver	-	-	-	-	-	-	731	674	-	756	668	-
Stage 1	-	-	-	-	-	-	869	784	-	927	827	-
Stage 2	-	-	-	-	-	-	919	823	-	887	777	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.23	0.2	9.81	8.67
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	774	54	-	-	49	-	-	985
HCM Lane V/C Ratio	0.033	0.003	-	-	0.002	-	-	0.005
HCM Ctrl Dly (s/v)	9.8	7.4	0	-	7.5	0	-	8.7
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	44	92	0	21	127
Future Vol, veh/h	0	44	92	0	21	127
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	5	0
Mvmt Flow	0	48	100	0	23	138

Major/Minor	Minor2		Major2	
Conflicting Flow All	200	0	0	0
Stage 1	200	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	707	-	-	-
Stage 1	748	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	-	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

Approach	EB	WB
HCM Ctrl Dly, s/v		
HCM LOS	-	

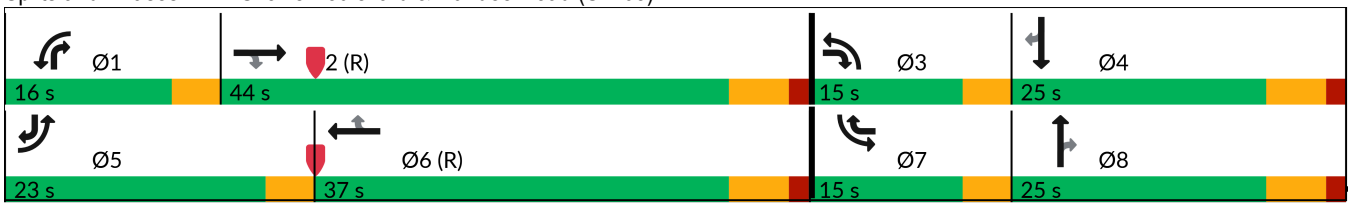
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Ctrl Dly (s/v)	-	-	-
HCM Lane LOS	-	-	-
HCM 95th %tile Q(veh)	-	-	-

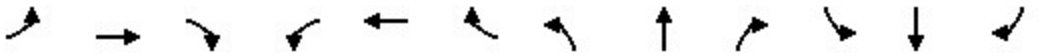
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	277	604	124	169	627	191	164	325	163	212	309	216
Future Volume (vph)	277	604	124	169	627	191	164	325	163	212	309	216
Lane Group Flow (vph)	292	636	131	178	660	201	173	342	172	223	325	227
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	8.0	3.0	3.0	8.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	14.0	6.5	6.5	14.0	6.5
Total Split (s)	23.0	44.0	15.0	16.0	37.0	15.0	15.0	25.0	16.0	15.0	25.0	23.0
Total Split (%)	23.0%	44.0%	15.0%	16.0%	37.0%	15.0%	15.0%	25.0%	16.0%	15.0%	25.0%	23.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
v/c Ratio	0.82	0.51	0.15	0.72	0.66	0.23	0.72	0.65	0.27	0.72	0.47	0.29
Control Delay (s/veh)	57.7	27.5	2.3	59.1	35.5	6.6	59.3	45.8	9.8	55.1	39.4	11.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	57.7	27.5	2.3	59.1	35.5	6.6	59.3	45.8	9.8	55.1	39.4	11.6
Queue Length 50th (ft)	172	174	0	107	204	25	103	109	26	135	101	52
Queue Length 95th (ft)	#322	210	25	#216	246	66	#231	150	70	#309	142	104
Internal Link Dist (ft)		489			420			1163			501	
Turn Bay Length (ft)	400		275	300		150	300		280	400		
Base Capacity (vph)	367	1364	872	253	1113	856	241	685	641	311	740	802
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.80	0.47	0.15	0.70	0.59	0.23	0.72	0.50	0.27	0.72	0.44	0.28

Intersection Summary

Cycle Length: 100
Actuated Cycle Length: 100
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 70
Control Type: Actuated-Coordinated
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	277	604	124	169	627	191	164	325	163	212	309	216
Future Volume (veh/h)	277	604	124	169	627	191	164	325	163	212	309	216
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1924	1909	1924	1924	1909	1885	1900	1945	1900	1976	1961
Adj Flow Rate, veh/h	292	636	92	178	660	143	173	342	98	223	325	113
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	1	1	2	1	1	2	1	0	2	0	0	1
Cap, veh/h	325	1661	919	210	1431	820	204	455	397	208	478	507
Arrive On Green	0.18	0.45	0.45	0.11	0.39	0.39	0.11	0.13	0.13	0.12	0.13	0.13
Sat Flow, veh/h	1833	3656	1618	1833	3656	1618	1795	3610	1648	1810	3754	1662
Grp Volume(v), veh/h	292	636	92	178	660	143	173	342	98	223	325	113
Grp Sat Flow(s),veh/h/ln	1833	1828	1618	1833	1828	1618	1795	1805	1648	1810	1877	1662
Q Serve(g_s), s	15.6	11.5	2.6	9.5	13.4	4.8	9.5	9.1	4.8	11.5	8.3	5.1
Cycle Q Clear(g_c), s	15.6	11.5	2.6	9.5	13.4	4.8	9.5	9.1	4.8	11.5	8.3	5.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	325	1661	919	210	1431	820	204	455	397	208	478	507
V/C Ratio(X)	0.90	0.38	0.10	0.85	0.46	0.17	0.85	0.75	0.25	1.07	0.68	0.22
Avail Cap(c_a), veh/h	357	1661	919	229	1431	820	206	686	503	208	713	611
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	40.2	18.0	9.9	43.4	22.6	13.4	43.5	42.2	30.6	44.3	41.7	25.9
Incr Delay (d2), s/veh	23.0	0.7	0.2	22.9	1.1	0.5	26.5	2.5	0.3	82.7	1.7	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	13.8	8.4	1.6	9.5	9.7	3.1	9.4	7.4	3.4	15.3	6.9	3.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	63.2	18.7	10.1	66.3	23.7	13.8	70.0	44.7	31.0	126.9	43.4	26.1
LnGrp LOS	E	B	B	E	C	B	E	D	C	F	D	C
Approach Vol, veh/h		1020			981			613			661	
Approach Delay, s/veh		30.7			30.0			49.7			68.6	
Approach LOS		C			C			D			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	51.4	14.9	18.7	21.3	45.1	15.0	18.6
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	12.5	38.0	11.5	19.0	19.5	31.0	11.5	19.0
Max Q Clear Time (g_c+I1), s	11.5	13.5	11.5	10.3	17.6	15.4	13.5	11.1
Green Ext Time (p_c), s	0.0	4.7	0.0	1.5	0.2	4.4	0.0	1.4

Intersection Summary	
HCM 7th Control Delay, s/veh	41.7
HCM 7th LOS	D

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	94	979	978	62	0	108
Future Vol, veh/h	94	979	978	62	0	108
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	99	99	99	99	99	99
Heavy Vehicles, %	0	1	1	0	0	0
Mvmt Flow	95	989	988	63	0	109

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1051	0	-	0	-	494
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.1	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.2	-	-	-	-	3.3
Pot Cap-1 Maneuver	670	-	-	-	0	505
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	670	-	-	-	-	505
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	0.99	0	14.08
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	670	-	-	-	505
HCM Lane V/C Ratio	0.142	-	-	-	0.216
HCM Ctrl Dly (s/v)	11.3	-	-	-	14.1
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.5	-	-	-	0.8

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	87	0	793	645	45
Future Vol, veh/h	0	87	0	793	645	45
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	96	0	871	709	49

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	354	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	661	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	661	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	11.37	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	661	-
HCM Lane V/C Ratio	-	0.145	-
HCM Ctrl Dly (s/v)	-	11.4	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.5	-

Intersection	
Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	32	81	16	71	68
Future Vol, veh/h	13	32	81	16	71	68
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	15	36	92	18	81	77
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.4	7.6	8.2
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	29%	51%
Vol Thru, %	84%	0%	49%
Vol Right, %	16%	71%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	97	45	139
LT Vol	0	13	71
Through Vol	81	0	68
RT Vol	16	32	0
Lane Flow Rate	110	51	158
Geometry Grp	1	1	1
Degree of Util (X)	0.123	0.058	0.183
Departure Headway (Hd)	4.009	4.112	4.175
Convergence, Y/N	Yes	Yes	Yes
Cap	886	876	855
Service Time	2.072	2.112	2.222
HCM Lane V/C Ratio	0.124	0.058	0.185
HCM Control Delay, s/veh	7.6	7.4	8.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.4	0.2	0.7

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	7	94	31	0	80	1	11	1	2	1	0	1
Future Vol, veh/h	7	94	31	0	80	1	11	1	2	1	0	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	7	100	33	0	85	1	12	1	2	1	0	1

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	86	0	0	133	0	0	216	218	116	201	234	86
Stage 1	-	-	-	-	-	-	131	131	-	86	86	-
Stage 2	-	-	-	-	-	-	85	86	-	115	148	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1523	-	-	1464	-	-	735	676	938	762	670	979
Stage 1	-	-	-	-	-	-	871	786	-	927	828	-
Stage 2	-	-	-	-	-	-	923	823	-	894	779	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1523	-	-	1464	-	-	731	672	938	755	667	979
Mov Cap-2 Maneuver	-	-	-	-	-	-	731	672	-	755	667	-
Stage 1	-	-	-	-	-	-	866	781	-	927	828	-
Stage 2	-	-	-	-	-	-	922	823	-	886	774	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.39	0	9.9	9.23
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	750	91	-	-	1464	-	-	852
HCM Lane V/C Ratio	0.02	0.005	-	-	-	-	-	0.002
HCM Ctrl Dly (s/v)	9.9	7.4	0	-	0	-	-	9.2
HCM Lane LOS	A	A	A	-	A	-	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	16	92	0	25	132
Future Vol, veh/h	0	16	92	0	25	132
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	0	17	99	0	27	142

Major/Minor	Minor2		Major2	
Conflicting Flow All	198	0	0	0
Stage 1	198	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	709	-	-	-
Stage 1	749	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	-	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

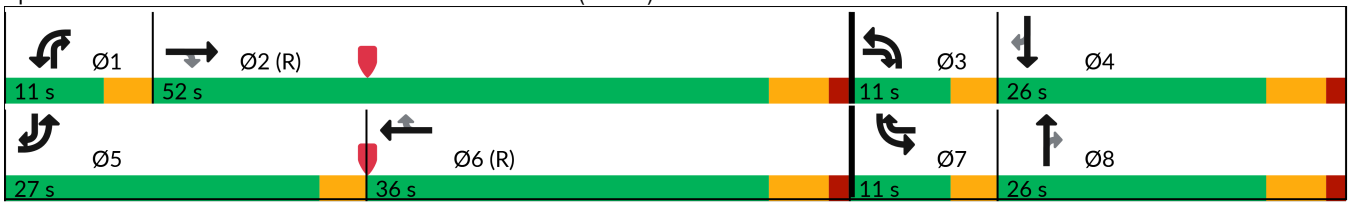
Approach	EB	WB
HCM Ctrl Dly, s/v		
HCM LOS	-	

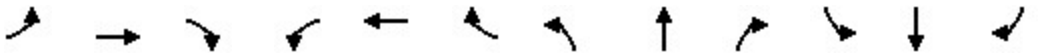
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Ctrl Dly (s/v)	-	-	-
HCM Lane LOS	-	-	-
HCM 95th %tile Q(veh)	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	295	927	371	269	723	188	130	321	169	149	301	170
Future Volume (vph)	295	927	371	269	723	188	130	321	169	149	301	170
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	52.0	11.0	11.0	36.0	11.0	11.0	26.0	11.0	11.0	26.0	27.0
Total Split (%)	27.0%	52.0%	11.0%	11.0%	36.0%	11.0%	11.0%	26.0%	11.0%	11.0%	26.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	22.6	42.3	59.5	11.3	31.0	48.2	11.2	16.2	33.5	11.2	16.2	44.8
Actuated g/C Ratio	0.23	0.42	0.60	0.11	0.31	0.48	0.11	0.16	0.34	0.11	0.16	0.45
v/c Ratio	0.82	0.67	0.44	1.44	0.71	0.25	0.76	0.61	0.29	0.84	0.57	0.24
Control Delay (s/veh)	54.2	25.5	10.1	259.2	34.9	6.5	73.2	43.8	11.8	82.3	42.9	10.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	54.2	25.5	10.1	259.2	34.9	6.5	73.2	43.8	11.8	82.3	42.9	10.2
LOS	D	C	B	F	C	A	E	D	B	F	D	B
Approach Delay (s/veh)		27.3			81.5			41.3			43.5	
Approach LOS		C			F			D			D	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 90	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 1.45	
Intersection Signal Delay (s/veh): 47.9	Intersection LOS: D
Intersection Capacity Utilization 77.9%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	295	927	371	269	723	188	130	321	169	149	301	170
Future Volume (veh/h)	295	927	371	269	723	188	130	321	169	149	301	170
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1894	1879	1924	1909	1894	1811	1856	1945	1870	1868	1914
Adj Flow Rate, veh/h	321	1008	303	292	786	142	141	349	76	162	327	95
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	1	3	4	1	2	3	6	3	2	2	7	4
Cap, veh/h	357	1836	932	137	1415	746	129	529	371	134	532	560
Arrive On Green	0.20	0.51	0.51	0.08	0.39	0.39	0.08	0.15	0.15	0.08	0.15	0.15
Sat Flow, veh/h	1833	3599	1593	1833	3628	1605	1725	3526	1648	1781	3549	1622
Grp Volume(v), veh/h	321	1008	303	292	786	142	141	349	76	162	327	95
Grp Sat Flow(s),veh/h/ln	1833	1800	1593	1833	1814	1605	1725	1763	1648	1781	1775	1622
Q Serve(g_s), s	17.1	19.1	9.8	7.5	16.9	5.2	7.5	9.3	3.7	7.5	8.6	4.1
Cycle Q Clear(g_c), s	17.1	19.1	9.8	7.5	16.9	5.2	7.5	9.3	3.7	7.5	8.6	4.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	357	1836	932	137	1415	746	129	529	371	134	532	560
V/C Ratio(X)	0.90	0.55	0.33	2.12	0.56	0.19	1.09	0.66	0.20	1.21	0.61	0.17
Avail Cap(c_a), veh/h	431	1836	932	137	1415	746	129	705	453	134	710	641
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.3	16.7	10.6	46.3	23.8	15.7	46.3	40.1	31.5	46.3	39.8	22.8
Incr Delay (d2), s/veh	18.9	1.2	0.9	529.6	1.6	0.6	105.3	1.4	0.3	146.0	1.2	0.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	14.4	12.2	5.9	37.6	11.7	3.4	11.5	7.2	2.7	14.3	6.7	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	58.2	17.9	11.6	575.9	25.3	16.3	151.5	41.5	31.8	192.3	40.9	22.9
LnGrp LOS	E	B	B	F	C	B	F	D	C	F	D	C
Approach Vol, veh/h		1632			1220			566			584	
Approach Delay, s/veh		24.6			156.0			67.6			80.0	
Approach LOS		C			F			E			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	57.0	11.0	21.0	23.0	45.0	11.0	21.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	7.5	46.0	7.5	20.0	23.5	30.0	7.5	20.0
Max Q Clear Time (g_c+I1), s	9.5	21.1	9.5	10.6	19.1	18.9	9.5	11.3
Green Ext Time (p_c), s	0.0	9.1	0.0	1.5	0.4	4.3	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	78.8
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	62	1598	1008	57	0	55
Future Vol, veh/h	62	1598	1008	57	0	55
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	6	3	3	4	0	0
Mvmt Flow	72	1858	1172	66	0	64

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1238	0	-	0	-	586
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.22	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.26	-	-	-	-	3.3
Pot Cap-1 Maneuver	537	-	-	-	0	437
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	537	-	-	-	-	437
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	0.48	0	14.65
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	537	-	-	-	437
HCM Lane V/C Ratio	0.134	-	-	-	0.146
HCM Ctrl Dly (s/v)	12.7	-	-	-	14.7
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.5	-	-	-	0.5

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	33	0	770	590	15
Future Vol, veh/h	0	33	0	770	590	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	2	5	13
Mvmt Flow	0	35	0	811	621	16

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	311	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	703	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	703	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	10.38	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	703	-
HCM Lane V/C Ratio	-	0.049	-
HCM Ctrl Dly (s/v)	-	10.4	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.2	-

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	5	10	64	7	26	35
Future Vol, veh/h	5	10	64	7	26	35
Peak Hour Factor	0.74	0.74	0.74	0.74	0.74	0.74
Heavy Vehicles, %	0	10	0	0	0	0
Mvmt Flow	7	14	86	9	35	47
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7	7.4	7.5
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	33%	43%
Vol Thru, %	90%	0%	57%
Vol Right, %	10%	67%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	71	15	61
LT Vol	0	5	26
Through Vol	64	0	35
RT Vol	7	10	0
Lane Flow Rate	96	20	82
Geometry Grp	1	1	1
Degree of Util (X)	0.105	0.022	0.094
Departure Headway (Hd)	3.938	3.87	4.092
Convergence, Y/N	Yes	Yes	Yes
Cap	910	912	875
Service Time	1.963	1.948	2.117
HCM Lane V/C Ratio	0.105	0.022	0.094
HCM Control Delay, s/veh	7.4	7	7.5
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.4	0.1	0.3

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	9	71	7	1	38	1	3	0	0	0	0	1
Future Vol, veh/h	9	71	7	1	38	1	3	0	0	0	0	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	13	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	12	96	9	1	51	1	4	0	0	0	0	1

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	53	0	0	105	0	0	179	180	101	175	184	52
Stage 1	-	-	-	-	-	-	125	125	-	55	55	-
Stage 2	-	-	-	-	-	-	54	55	-	120	130	-
Critical Hdwy	4.23	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.317	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1485	-	-	1499	-	-	779	710	958	792	713	1021
Stage 1	-	-	-	-	-	-	878	791	-	963	853	-
Stage 2	-	-	-	-	-	-	961	850	-	889	793	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1485	-	-	1499	-	-	771	703	958	784	707	1021
Mov Cap-2 Maneuver	-	-	-	-	-	-	771	703	-	784	707	-
Stage 1	-	-	-	-	-	-	870	784	-	962	852	-
Stage 2	-	-	-	-	-	-	958	849	-	881	786	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.77	0.19	9.69	8.53
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	771	183	-	-	45	-	-	1021
HCM Lane V/C Ratio	0.005	0.008	-	-	0.001	-	-	0.001
HCM Ctrl Dly (s/v)	9.7	7.4	0	-	7.4	0	-	8.5
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	2.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	15	40	2	32	88
Future Vol, veh/h	0	15	40	2	32	88
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	0	0	0	0	13	1
Mvmt Flow	0	19	51	3	41	113

Major/Minor	Minor2		Major2	
Conflicting Flow All	105	3	0	0
Stage 1	105	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	793	1087	-	-
Stage 1	817	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	1087	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

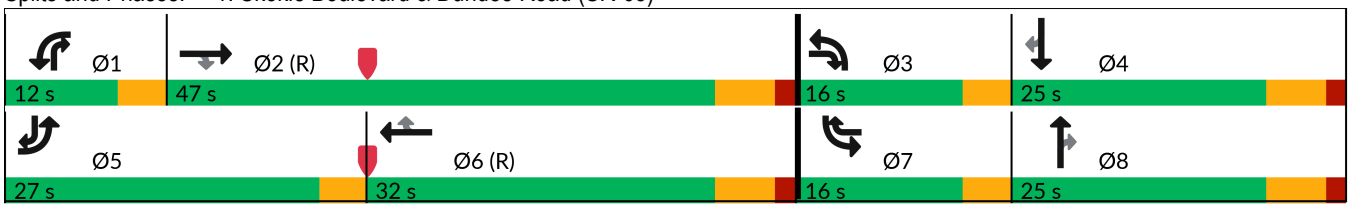
Approach	EB	WB
HCM Ctrl Dly, s/v	8.37	
HCM LOS	A	

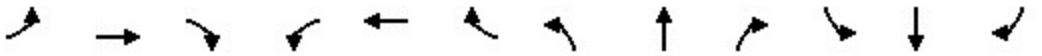
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	1087	-	-
HCM Lane V/C Ratio	0.018	-	-
HCM Ctrl Dly (s/v)	8.4	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	223	697	356	240	796	187	286	407	143	252	637	345
Future Volume (vph)	223	697	356	240	796	187	286	407	143	252	637	345
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	47.0	16.0	12.0	32.0	16.0	16.0	25.0	12.0	16.0	25.0	27.0
Total Split (%)	27.0%	47.0%	16.0%	12.0%	32.0%	16.0%	16.0%	25.0%	12.0%	16.0%	25.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	18.3	40.0	59.5	8.5	30.2	49.7	13.5	19.0	33.5	13.5	19.0	43.3
Actuated g/C Ratio	0.18	0.40	0.60	0.09	0.30	0.50	0.14	0.19	0.34	0.14	0.19	0.43
v/c Ratio	0.73	0.50	0.40	1.64	0.76	0.22	1.28	0.62	0.23	1.14	0.94	0.47
Control Delay (s/veh)	52.3	23.9	10.0	349.0	37.9	3.7	193.2	41.8	8.9	145.3	64.1	17.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.3	23.9	10.0	349.0	37.9	3.7	193.2	41.8	8.9	145.3	64.1	17.5
LOS	D	C	B	F	D	A	F	D	A	F	E	B
Approach Delay (s/veh)		25.0			93.8			88.0			67.7	
Approach LOS		C			F			F			E	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 41 (41%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 90	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 1.64	
Intersection Signal Delay (s/veh): 66.5	Intersection LOS: E
Intersection Capacity Utilization 84.5%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	223	697	356	240	796	187	286	407	143	252	637	345
Future Volume (veh/h)	223	697	356	240	796	187	286	407	143	252	637	345
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1909	1909	1909	1924	1924	1939	1885	1885	1976	1870	1961	1961
Adj Flow Rate, veh/h	232	726	276	250	829	110	298	424	72	262	664	316
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	1	1	0	1	1	0	2	1	1
Cap, veh/h	270	1487	866	156	1267	775	224	681	461	223	708	563
Arrive On Green	0.15	0.41	0.41	0.09	0.35	0.35	0.13	0.19	0.19	0.13	0.19	0.19
Sat Flow, veh/h	1818	3628	1618	1833	3656	1644	1795	3582	1675	1781	3725	1662
Grp Volume(v), veh/h	232	726	276	250	829	110	298	424	72	262	664	316
Grp Sat Flow(s),veh/h/ln	1818	1814	1618	1833	1828	1644	1795	1791	1675	1781	1863	1662
Q Serve(g_s), s	12.5	14.8	9.6	8.5	19.2	3.8	12.5	10.9	3.3	12.5	17.6	15.5
Cycle Q Clear(g_c), s	12.5	14.8	9.6	8.5	19.2	3.8	12.5	10.9	3.3	12.5	17.6	15.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	270	1487	866	156	1267	775	224	681	461	223	708	563
V/C Ratio(X)	0.86	0.49	0.32	1.60	0.65	0.14	1.33	0.62	0.16	1.18	0.94	0.56
Avail Cap(c_a), veh/h	427	1487	866	156	1267	775	224	681	461	223	708	563
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.5	21.8	13.0	45.8	27.6	15.0	43.8	37.2	27.5	43.8	39.9	27.0
Incr Delay (d2), s/veh	9.9	1.1	1.0	300.0	2.6	0.4	174.9	1.8	0.2	116.3	20.2	1.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.3	10.4	6.1	27.0	13.3	2.6	25.6	8.4	2.3	19.6	14.8	10.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	51.5	22.9	14.0	345.7	30.3	15.4	218.7	39.0	27.6	160.1	60.1	28.3
LnGrp LOS	D	C	B	F	C	B	F	D	C	F	E	C
Approach Vol, veh/h		1234			1189			794			1242	
Approach Delay, s/veh		26.3			95.2			105.4			73.1	
Approach LOS		C			F			F			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	47.0	16.0	25.0	18.4	40.6	16.0	25.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	8.5	41.0	12.5	19.0	23.5	26.0	12.5	19.0
Max Q Clear Time (g_c+I1), s	10.5	16.8	14.5	19.6	14.5	21.2	14.5	12.9
Green Ext Time (p_c), s	0.0	6.2	0.0	0.0	0.4	2.5	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	71.8
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	93	1330	1511	58	0	139
Future Vol, veh/h	93	1330	1511	58	0	139
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	1	1	2	0	0	0
Mvmt Flow	96	1371	1558	60	0	143

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1618	0	-	0	-	779
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.12	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.21	-	-	-	-	3.3
Pot Cap-1 Maneuver	404	-	-	-	0	321
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	404	-	-	-	-	321
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.09	0	24.9
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	404	-	-	-	321
HCM Lane V/C Ratio	0.238	-	-	-	0.446
HCM Ctrl Dly (s/v)	16.7	-	-	-	24.9
HCM Lane LOS	C	-	-	-	C
HCM 95th %tile Q(veh)	0.9	-	-	-	2.2

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	83	0	789	1228	42
Future Vol, veh/h	0	83	0	789	1228	42
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	1	0
Mvmt Flow	0	88	0	839	1306	45

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	653	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.72	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.31	-	-	-	-
Pot Cap-1 Maneuver	0	427	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	427	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	15.6	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	427	-
HCM Lane V/C Ratio	-	0.207	-
HCM Ctrl Dly (s/v)	-	15.6	-
HCM Lane LOS	-	C	-
HCM 95th %tile Q(veh)	-	0.8	-

Intersection	
Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	19	22	86	15	67	56
Future Vol, veh/h	19	22	86	15	67	56
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	0	0	0	0	2	0
Mvmt Flow	20	23	91	16	71	59
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.4	7.6	8
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	46%	54%
Vol Thru, %	85%	0%	46%
Vol Right, %	15%	54%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	101	41	123
LT Vol	0	19	67
Through Vol	86	0	56
RT Vol	15	22	0
Lane Flow Rate	106	43	129
Geometry Grp	1	1	1
Degree of Util (X)	0.118	0.05	0.151
Departure Headway (Hd)	3.983	4.183	4.199
Convergence, Y/N	Yes	Yes	Yes
Cap	893	861	851
Service Time	2.038	2.183	2.243
HCM Lane V/C Ratio	0.119	0.05	0.152
HCM Control Delay, s/veh	7.6	7.4	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.4	0.2	0.5

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	95	31	2	72	1	17	0	6	0	0	4
Future Vol, veh/h	4	95	31	2	72	1	17	0	6	0	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	4	107	35	2	81	1	19	0	7	0	0	4

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	82	0	0	142	0	0	219	220	124	202	237	81
Stage 1	-	-	-	-	-	-	133	133	-	86	86	-
Stage 2	-	-	-	-	-	-	85	87	-	116	151	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1528	-	-	1454	-	-	733	674	929	761	668	984
Stage 1	-	-	-	-	-	-	869	784	-	927	828	-
Stage 2	-	-	-	-	-	-	923	823	-	894	777	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1528	-	-	1454	-	-	726	671	929	752	665	984
Mov Cap-2 Maneuver	-	-	-	-	-	-	726	671	-	752	665	-
Stage 1	-	-	-	-	-	-	866	782	-	925	826	-
Stage 2	-	-	-	-	-	-	917	822	-	885	774	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.23	0.2	9.84	8.68
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	770	53	-	-	48	-	-	984
HCM Lane V/C Ratio	0.034	0.003	-	-	0.002	-	-	0.005
HCM Ctrl Dly (s/v)	9.8	7.4	0	-	7.5	0	-	8.7
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	45	94	0	21	130
Future Vol, veh/h	0	45	94	0	21	130
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	5	0
Mvmt Flow	0	49	102	0	23	141

Major/Minor	Minor2		Major2	
Conflicting Flow All	204	0	0	0
Stage 1	204	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	704	-	-	-
Stage 1	745	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	-	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

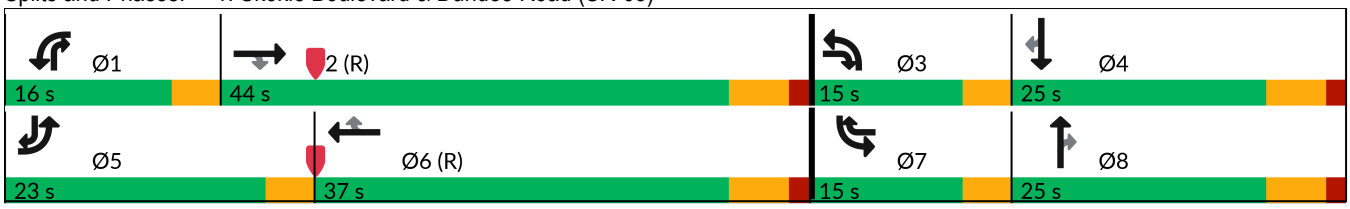
Approach	EB	WB
HCM Ctrl Dly, s/v		
HCM LOS	-	

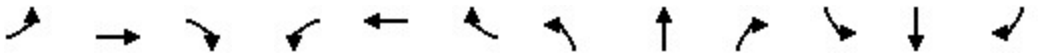
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Ctrl Dly (s/v)	-	-	-
HCM Lane LOS	-	-	-
HCM 95th %tile Q(veh)	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	283	616	126	172	640	195	167	332	166	216	315	220
Future Volume (vph)	283	616	126	172	640	195	167	332	166	216	315	220
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	8.0	3.0	3.0	8.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	14.0	6.5	6.5	14.0	6.5
Total Split (s)	23.0	44.0	15.0	16.0	37.0	15.0	15.0	25.0	16.0	15.0	25.0	23.0
Total Split (%)	23.0%	44.0%	15.0%	16.0%	37.0%	15.0%	15.0%	25.0%	16.0%	15.0%	25.0%	23.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	20.7	34.5	54.6	13.8	27.6	51.5	14.1	14.9	34.7	17.8	18.6	45.3
Actuated g/C Ratio	0.21	0.35	0.55	0.14	0.28	0.52	0.14	0.15	0.35	0.18	0.19	0.45
v/c Ratio	0.83	0.52	0.15	0.73	0.68	0.24	0.72	0.64	0.27	0.72	0.47	0.29
Control Delay (s/veh)	58.7	27.8	2.5	59.8	36.1	7.1	59.6	45.7	10.0	56.2	39.5	12.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	58.7	27.8	2.5	59.8	36.1	7.1	59.6	45.7	10.0	56.2	39.5	12.1
LOS	E	C	A	E	D	A	E	D	B	E	D	B
Approach Delay (s/veh)		33.3			34.6			40.3			36.3	
Approach LOS		C			C			D			D	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 70	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.83	
Intersection Signal Delay (s/veh): 35.7	Intersection LOS: D
Intersection Capacity Utilization 71.2%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	283	616	126	172	640	195	167	332	166	216	315	220
Future Volume (veh/h)	283	616	126	172	640	195	167	332	166	216	315	220
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1924	1909	1924	1924	1909	1885	1900	1945	1900	1976	1961
Adj Flow Rate, veh/h	298	648	94	181	674	147	176	349	101	227	332	118
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	1	1	2	1	1	2	1	0	2	0	0	1
Cap, veh/h	331	1648	915	213	1413	811	206	462	403	208	480	513
Arrive On Green	0.18	0.45	0.45	0.12	0.39	0.39	0.12	0.13	0.13	0.12	0.13	0.13
Sat Flow, veh/h	1833	3656	1618	1833	3656	1618	1795	3610	1648	1810	3754	1662
Grp Volume(v), veh/h	298	648	94	181	674	147	176	349	101	227	332	118
Grp Sat Flow(s),veh/h/ln	1833	1828	1618	1833	1828	1618	1795	1805	1648	1810	1877	1662
Q Serve(g_s), s	15.9	11.8	2.7	9.7	13.9	5.0	9.6	9.3	4.9	11.5	8.5	5.3
Cycle Q Clear(g_c), s	15.9	11.8	2.7	9.7	13.9	5.0	9.6	9.3	4.9	11.5	8.5	5.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	331	1648	915	213	1413	811	206	462	403	208	480	513
V/C Ratio(X)	0.90	0.39	0.10	0.85	0.48	0.18	0.85	0.76	0.25	1.09	0.69	0.23
Avail Cap(c_a), veh/h	357	1648	915	229	1413	811	206	686	505	208	713	616
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	40.1	18.3	10.0	43.3	23.1	13.7	43.4	42.1	30.4	44.3	41.7	25.7
Incr Delay (d2), s/veh	23.7	0.7	0.2	23.5	1.2	0.5	27.4	2.7	0.3	88.7	1.8	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	14.1	8.6	1.7	9.6	10.0	3.2	9.6	7.6	3.5	15.9	7.1	3.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	63.8	19.0	10.2	66.8	24.2	14.2	70.8	44.8	30.7	133.0	43.5	26.0
LnGrp LOS	E	B	B	E	C	B	E	D	C	F	D	C
Approach Vol, veh/h		1040			1002			626			677	
Approach Delay, s/veh		31.1			30.4			49.8			70.4	
Approach LOS		C			C			D			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	51.1	15.0	18.8	21.6	44.6	15.0	18.8
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	12.5	38.0	11.5	19.0	19.5	31.0	11.5	19.0
Max Q Clear Time (g_c+I1), s	11.7	13.8	11.6	10.5	17.9	15.9	13.5	11.3
Green Ext Time (p_c), s	0.0	4.8	0.0	1.5	0.2	4.4	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	42.4
HCM 7th LOS	D

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	96	999	998	63	0	110
Future Vol, veh/h	96	999	998	63	0	110
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	99	99	99	99	99	99
Heavy Vehicles, %	0	1	1	0	0	0
Mvmt Flow	97	1009	1008	64	0	111

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1072	0	-	0	-	504
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.1	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.2	-	-	-	-	3.3
Pot Cap-1 Maneuver	658	-	-	-	0	497
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	658	-	-	-	-	497
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1	0	14.31
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	658	-	-	-	497
HCM Lane V/C Ratio	0.147	-	-	-	0.224
HCM Ctrl Dly (s/v)	11.4	-	-	-	14.3
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.5	-	-	-	0.8

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	89	0	796	658	46
Future Vol, veh/h	0	89	0	796	658	46
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	98	0	875	723	51

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	362	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	654	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	654	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	11.47	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	654	-
HCM Lane V/C Ratio	-	0.15	-
HCM Ctrl Dly (s/v)	-	11.5	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.5	-

Intersection	
Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	33	83	16	72	69
Future Vol, veh/h	13	33	83	16	72	69
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	15	38	94	18	82	78
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.4	7.7	8.2
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	28%	51%
Vol Thru, %	84%	0%	49%
Vol Right, %	16%	72%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	99	46	141
LT Vol	0	13	72
Through Vol	83	0	69
RT Vol	16	33	0
Lane Flow Rate	113	52	160
Geometry Grp	1	1	1
Degree of Util (X)	0.125	0.06	0.186
Departure Headway (Hd)	4.015	4.116	4.178
Convergence, Y/N	Yes	Yes	Yes
Cap	884	876	854
Service Time	2.081	2.116	2.228
HCM Lane V/C Ratio	0.128	0.059	0.187
HCM Control Delay, s/veh	7.7	7.4	8.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.4	0.2	0.7

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	7	96	32	0	82	1	11	1	2	1	0	1
Future Vol, veh/h	7	96	32	0	82	1	11	1	2	1	0	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	7	102	34	0	87	1	12	1	2	1	0	1

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	88	0	0	136	0	0	221	222	119	205	239	88
Stage 1	-	-	-	-	-	-	134	134	-	88	88	-
Stage 2	-	-	-	-	-	-	87	88	-	118	151	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1520	-	-	1460	-	-	730	672	935	757	666	976
Stage 1	-	-	-	-	-	-	868	783	-	925	826	-
Stage 2	-	-	-	-	-	-	921	822	-	892	776	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1520	-	-	1460	-	-	725	668	935	750	662	976
Mov Cap-2 Maneuver	-	-	-	-	-	-	725	668	-	750	662	-
Stage 1	-	-	-	-	-	-	863	779	-	925	826	-
Stage 2	-	-	-	-	-	-	920	822	-	884	772	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.38	0	9.93	9.26
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	744	89	-	-	1460	-	-	848
HCM Lane V/C Ratio	0.02	0.005	-	-	-	-	-	0.003
HCM Ctrl Dly (s/v)	9.9	7.4	0	-	0	-	-	9.3
HCM Lane LOS	A	A	A	-	A	-	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	0	16	94	0	26	135
Future Vol, veh/h	0	16	94	0	26	135
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	0	17	101	0	28	145

Major/Minor	Minor2		Major2	
Conflicting Flow All	202	0	0	0
Stage 1	202	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	705	-	-	-
Stage 1	746	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	-	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

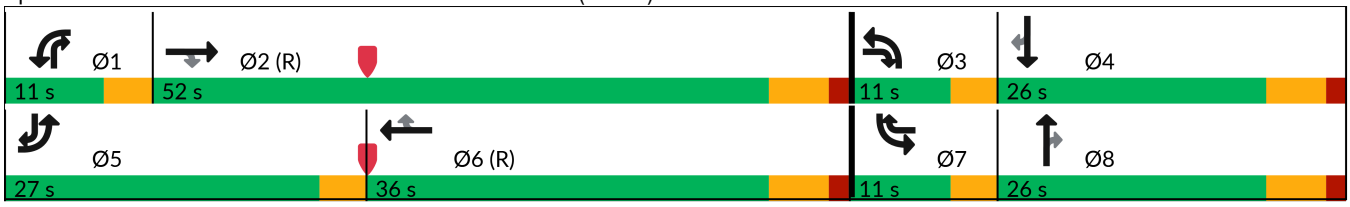
Approach	EB	WB
HCM Ctrl Dly, s/v		
HCM LOS	-	

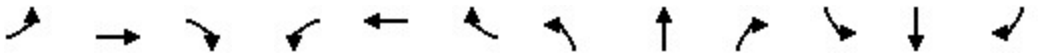
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Ctrl Dly (s/v)	-	-	-
HCM Lane LOS	-	-	-
HCM 95th %tile Q(veh)	-	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	295	911	371	269	728	188	135	318	169	170	303	170
Future Volume (vph)	295	911	371	269	728	188	135	318	169	170	303	170
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	52.0	11.0	11.0	36.0	11.0	11.0	26.0	11.0	11.0	26.0	27.0
Total Split (%)	27.0%	52.0%	11.0%	11.0%	36.0%	11.0%	11.0%	26.0%	11.0%	11.0%	26.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	22.6	42.4	59.5	11.4	31.1	48.3	11.1	16.1	33.5	11.1	16.1	44.7
Actuated g/C Ratio	0.23	0.42	0.60	0.11	0.31	0.48	0.11	0.16	0.34	0.11	0.16	0.45
v/c Ratio	0.81	0.66	0.44	1.43	0.71	0.25	0.80	0.61	0.29	0.97	0.58	0.24
Control Delay (s/veh)	54.0	25.2	10.1	256.2	35.0	6.4	77.6	43.8	11.8	106.9	43.1	10.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	54.0	25.2	10.1	256.2	35.0	6.4	77.6	43.8	11.8	106.9	43.1	10.2
LOS	D	C	B	F	D	A	E	D	B	F	D	B
Approach Delay (s/veh)		27.1			80.7			42.5			51.3	
Approach LOS		C			F			D			D	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 90	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 1.44	
Intersection Signal Delay (s/veh): 49.1	Intersection LOS: D
Intersection Capacity Utilization 78.7%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	295	911	371	269	728	188	135	318	169	170	303	170
Future Volume (veh/h)	295	911	371	269	728	188	135	318	169	170	303	170
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1894	1879	1924	1909	1894	1811	1856	1945	1870	1868	1914
Adj Flow Rate, veh/h	321	990	303	292	791	142	147	346	76	185	329	95
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	1	3	4	1	2	3	6	3	2	2	7	4
Cap, veh/h	357	1836	932	137	1415	746	129	529	371	134	532	560
Arrive On Green	0.20	0.51	0.51	0.08	0.39	0.39	0.08	0.15	0.15	0.08	0.15	0.15
Sat Flow, veh/h	1833	3599	1593	1833	3628	1605	1725	3526	1648	1781	3549	1622
Grp Volume(v), veh/h	321	990	303	292	791	142	147	346	76	185	329	95
Grp Sat Flow(s),veh/h/ln	1833	1800	1593	1833	1814	1605	1725	1763	1648	1781	1775	1622
Q Serve(g_s), s	17.1	18.6	9.8	7.5	17.0	5.2	7.5	9.2	3.7	7.5	8.7	4.1
Cycle Q Clear(g_c), s	17.1	18.6	9.8	7.5	17.0	5.2	7.5	9.2	3.7	7.5	8.7	4.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	357	1836	932	137	1415	746	129	529	371	134	532	560
V/C Ratio(X)	0.90	0.54	0.33	2.12	0.56	0.19	1.14	0.65	0.20	1.38	0.62	0.17
Avail Cap(c_a), veh/h	431	1836	932	137	1415	746	129	705	453	134	710	641
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.3	16.6	10.6	46.3	23.8	15.7	46.3	40.1	31.5	46.3	39.8	22.8
Incr Delay (d2), s/veh	18.9	1.1	0.9	529.6	1.6	0.6	120.4	1.4	0.3	212.6	1.2	0.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	14.4	12.0	5.9	37.6	11.8	3.4	12.4	7.2	2.7	18.3	6.8	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	58.2	17.7	11.6	575.9	25.4	16.3	166.7	41.4	31.8	258.9	41.0	22.9
LnGrp LOS	E	B	B	F	C	B	F	D	C	F	D	C
Approach Vol, veh/h		1614			1225			569			609	
Approach Delay, s/veh		24.6			155.5			72.5			104.4	
Approach LOS		C			F			E			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	57.0	11.0	21.0	23.0	45.0	11.0	21.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	7.5	46.0	7.5	20.0	23.5	30.0	7.5	20.0
Max Q Clear Time (g_c+I1), s	9.5	20.6	9.5	10.7	19.1	19.0	9.5	11.2
Green Ext Time (p_c), s	0.0	9.0	0.0	1.5	0.4	4.3	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	83.4
HCM 7th LOS	F

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	86	1582	998	78	0	73
Future Vol, veh/h	86	1582	998	78	0	73
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	6	3	3	4	0	0
Mvmt Flow	100	1840	1160	91	0	85

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1251	0	-	0	-	580
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.22	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.26	-	-	-	-	3.3
Pot Cap-1 Maneuver	531	-	-	-	0	441
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	531	-	-	-	-	441
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	0.69	0	15.11
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	531	-	-	-	441
HCM Lane V/C Ratio	0.188	-	-	-	0.193
HCM Ctrl Dly (s/v)	13.4	-	-	-	15.1
HCM Lane LOS	B	-	-	-	C
HCM 95th %tile Q(veh)	0.7	-	-	-	0.7

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	63	0	767	584	26
Future Vol, veh/h	0	63	0	767	584	26
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	2	5	13
Mvmt Flow	0	66	0	807	615	27

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	307	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	706	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	706	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	10.62	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	706	-
HCM Lane V/C Ratio	-	0.094	-
HCM Ctrl Dly (s/v)	-	10.6	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.3	-

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	16	10	72	37	26	35
Future Vol, veh/h	16	10	72	37	26	35
Peak Hour Factor	0.74	0.74	0.74	0.74	0.74	0.74
Heavy Vehicles, %	0	10	0	0	0	0
Mvmt Flow	22	14	97	50	35	47
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.5	7.6	7.6
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	62%	43%
Vol Thru, %	66%	0%	57%
Vol Right, %	34%	38%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	109	26	61
LT Vol	0	16	26
Through Vol	72	0	35
RT Vol	37	10	0
Lane Flow Rate	147	35	82
Geometry Grp	1	1	1
Degree of Util (X)	0.156	0.041	0.095
Departure Headway (Hd)	3.819	4.184	4.157
Convergence, Y/N	Yes	Yes	Yes
Cap	935	843	859
Service Time	1.858	2.272	2.199
HCM Lane V/C Ratio	0.157	0.042	0.095
HCM Control Delay, s/veh	7.6	7.5	7.6
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.6	0.1	0.3

Intersection	
Int Delay, s/veh	2.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	10	72	7	1	39	1	3	0	0	37	0	2
Future Vol, veh/h	10	72	7	1	39	1	3	0	0	37	0	2
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	13	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	14	97	9	1	53	1	4	0	0	50	0	3

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	54	0	0	107	0	0	184	186	102	180	190	53
Stage 1	-	-	-	-	-	-	129	129	-	56	56	-
Stage 2	-	-	-	-	-	-	55	57	-	124	134	-
Critical Hdwy	4.23	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.317	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1484	-	-	1497	-	-	773	705	956	786	709	1020
Stage 1	-	-	-	-	-	-	873	788	-	961	852	-
Stage 2	-	-	-	-	-	-	959	849	-	885	790	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1484	-	-	1497	-	-	763	697	956	777	701	1020
Mov Cap-2 Maneuver	-	-	-	-	-	-	763	697	-	777	701	-
Stage 1	-	-	-	-	-	-	865	780	-	960	851	-
Stage 2	-	-	-	-	-	-	955	848	-	876	782	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.84	0.18	9.75	9.9
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	763	199	-	-	44	-	-	787
HCM Lane V/C Ratio	0.005	0.009	-	-	0.001	-	-	0.067
HCM Ctrl Dly (s/v)	9.7	7.4	0	-	7.4	0	-	9.9
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	0.2

Intersection	
Int Delay, s/veh	3.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	1	32	41	3	77	89
Future Vol, veh/h	1	32	41	3	77	89
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	78	78	78	78	78	78
Heavy Vehicles, %	0	0	0	0	13	1
Mvmt Flow	1	41	53	4	99	114

Major/Minor	Minor2		Major2	
Conflicting Flow All	109	4	0	0
Stage 1	109	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	790	1086	-	-
Stage 1	814	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	1086	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

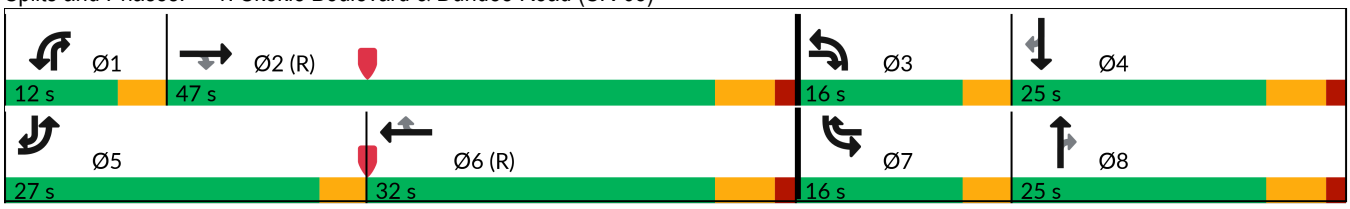
Approach	EB	WB
HCM Ctrl Dly, s/v	8.45	
HCM LOS	A	

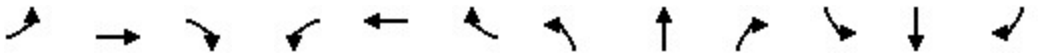
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	1086	-	-
HCM Lane V/C Ratio	0.039	-	-
HCM Ctrl Dly (s/v)	8.5	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	223	685	356	240	804	187	293	403	143	271	640	345
Future Volume (vph)	223	685	356	240	804	187	293	403	143	271	640	345
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0	3.0	15.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5	6.5	21.0	6.5
Total Split (s)	27.0	47.0	16.0	12.0	32.0	16.0	16.0	25.0	12.0	16.0	25.0	27.0
Total Split (%)	27.0%	47.0%	16.0%	12.0%	32.0%	16.0%	16.0%	25.0%	12.0%	16.0%	25.0%	27.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	18.3	40.1	59.5	8.5	30.3	49.7	13.4	19.0	33.5	13.4	19.0	43.3
Actuated g/C Ratio	0.18	0.40	0.60	0.09	0.30	0.50	0.13	0.19	0.34	0.13	0.19	0.43
v/c Ratio	0.73	0.50	0.40	1.64	0.77	0.22	1.32	0.61	0.23	1.23	0.95	0.47
Control Delay (s/veh)	52.3	23.7	10.0	349.0	38.2	3.7	207.3	41.7	8.9	176.5	64.9	17.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.3	23.7	10.0	349.0	38.2	3.7	207.3	41.7	8.9	176.5	64.9	17.5
LOS	D	C	B	F	D	A	F	D	A	F	E	B
Approach Delay (s/veh)		24.9			93.5			93.9			76.0	
Approach LOS		C			F			F			E	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 41 (41%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 90	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 1.64	
Intersection Signal Delay (s/veh): 69.9	Intersection LOS: E
Intersection Capacity Utilization 85.2%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	223	685	356	240	804	187	293	403	143	271	640	345
Future Volume (veh/h)	223	685	356	240	804	187	293	403	143	271	640	345
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1909	1909	1909	1924	1924	1939	1885	1885	1976	1870	1961	1961
Adj Flow Rate, veh/h	232	714	276	250	838	110	305	420	72	282	667	316
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	1	1	0	1	1	0	2	1	1
Cap, veh/h	270	1487	866	156	1267	775	224	681	461	223	708	563
Arrive On Green	0.15	0.41	0.41	0.09	0.35	0.35	0.13	0.19	0.19	0.13	0.19	0.19
Sat Flow, veh/h	1818	3628	1618	1833	3656	1644	1795	3582	1675	1781	3725	1662
Grp Volume(v), veh/h	232	714	276	250	838	110	305	420	72	282	667	316
Grp Sat Flow(s),veh/h/ln	1818	1814	1618	1833	1828	1644	1795	1791	1675	1781	1863	1662
Q Serve(g_s), s	12.5	14.5	9.6	8.5	19.4	3.8	12.5	10.8	3.3	12.5	17.7	15.5
Cycle Q Clear(g_c), s	12.5	14.5	9.6	8.5	19.4	3.8	12.5	10.8	3.3	12.5	17.7	15.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	270	1487	866	156	1267	775	224	681	461	223	708	563
V/C Ratio(X)	0.86	0.48	0.32	1.60	0.66	0.14	1.36	0.62	0.16	1.27	0.94	0.56
Avail Cap(c_a), veh/h	427	1487	866	156	1267	775	224	681	461	223	708	563
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.5	21.7	13.0	45.8	27.7	15.0	43.8	37.2	27.5	43.8	40.0	27.0
Incr Delay (d2), s/veh	9.9	1.1	1.0	300.0	2.7	0.4	187.7	1.7	0.2	150.5	20.9	1.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.3	10.2	6.1	27.0	13.5	2.6	26.8	8.3	2.3	23.0	15.0	10.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	51.5	22.8	14.0	345.7	30.4	15.4	231.4	38.9	27.6	194.3	60.9	28.3
LnGrp LOS	D	C	B	F	C	B	F	D	C	F	E	C
Approach Vol, veh/h		1222			1198			797			1265	
Approach Delay, s/veh		26.2			94.9			111.5			82.5	
Approach LOS		C			F			F			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	47.0	16.0	25.0	18.4	40.6	16.0	25.0
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	8.5	41.0	12.5	19.0	23.5	26.0	12.5	19.0
Max Q Clear Time (g_c+I1), s	10.5	16.5	14.5	19.7	14.5	21.4	14.5	12.8
Green Ext Time (p_c), s	0.0	6.1	0.0	0.0	0.4	2.4	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	75.6
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	116	1318	1497	87	0	165
Future Vol, veh/h	116	1318	1497	87	0	165
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	1	1	2	0	0	0
Mvmt Flow	120	1359	1543	90	0	170

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1633	0	-	0	-	772
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.12	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.21	-	-	-	-	3.3
Pot Cap-1 Maneuver	398	-	-	-	0	325
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	398	-	-	-	-	325
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.45	0	27.6
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	398	-	-	-	325
HCM Lane V/C Ratio	0.3	-	-	-	0.523
HCM Ctrl Dly (s/v)	17.9	-	-	-	27.6
HCM Lane LOS	C	-	-	-	D
HCM 95th %tile Q(veh)	1.2	-	-	-	2.9

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	116	0	785	1217	61
Future Vol, veh/h	0	116	0	785	1217	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	1	0
Mvmt Flow	0	123	0	835	1295	65

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	647	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.72	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.31	-	-	-	-
Pot Cap-1 Maneuver	0	431	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	431	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	16.67	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	431	-
HCM Lane V/C Ratio	-	0.286	-
HCM Ctrl Dly (s/v)	-	16.7	-
HCM Lane LOS	-	C	-
HCM 95th %tile Q(veh)	-	1.2	-

Intersection	
Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	38	22	98	48	67	56
Future Vol, veh/h	38	22	98	48	67	56
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	0	0	0	0	2	0
Mvmt Flow	40	23	103	51	71	59
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.8	7.8	8.1
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	63%	54%
Vol Thru, %	67%	0%	46%
Vol Right, %	33%	37%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	146	60	123
LT Vol	0	38	67
Through Vol	98	0	56
RT Vol	48	22	0
Lane Flow Rate	154	63	129
Geometry Grp	1	1	1
Degree of Util (X)	0.167	0.077	0.154
Departure Headway (Hd)	3.911	4.416	4.271
Convergence, Y/N	Yes	Yes	Yes
Cap	905	816	831
Service Time	1.987	2.416	2.34
HCM Lane V/C Ratio	0.17	0.077	0.155
HCM Control Delay, s/veh	7.8	7.8	8.1
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.6	0.2	0.5

Intersection	
Int Delay, s/veh	2.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	6	97	31	2	74	18	17	0	6	43	0	6
Future Vol, veh/h	6	97	31	2	74	18	17	0	6	43	0	6
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	7	109	35	2	83	20	19	0	7	48	0	7

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	103	0	0	144	0	0	228	248	126	220	255	93
Stage 1	-	-	-	-	-	-	140	140	-	98	98	-
Stage 2	-	-	-	-	-	-	88	108	-	122	157	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1501	-	-	1451	-	-	723	649	926	740	652	969
Stage 1	-	-	-	-	-	-	861	779	-	914	818	-
Stage 2	-	-	-	-	-	-	920	805	-	887	771	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1501	-	-	1451	-	-	713	645	926	730	648	969
Mov Cap-2 Maneuver	-	-	-	-	-	-	713	645	-	730	648	-
Stage 1	-	-	-	-	-	-	857	775	-	912	817	-
Stage 2	-	-	-	-	-	-	913	804	-	876	768	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.33	0.16	9.91	10.16
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	759	77	-	-	37	-	-	753
HCM Lane V/C Ratio	0.034	0.004	-	-	0.002	-	-	0.073
HCM Ctrl Dly (s/v)	9.9	7.4	0	-	7.5	0	-	10.2
HCM Lane LOS	A	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0.2

Intersection	
Int Delay, s/veh	3.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	2	69	96	2	71	132
Future Vol, veh/h	2	69	96	2	71	132
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	5	0
Mvmt Flow	2	75	104	2	77	143

Major/Minor	Minor2		Major2	
Conflicting Flow All	211	2	0	0
Stage 1	211	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	698	1088	-	-
Stage 1	740	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	1088	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

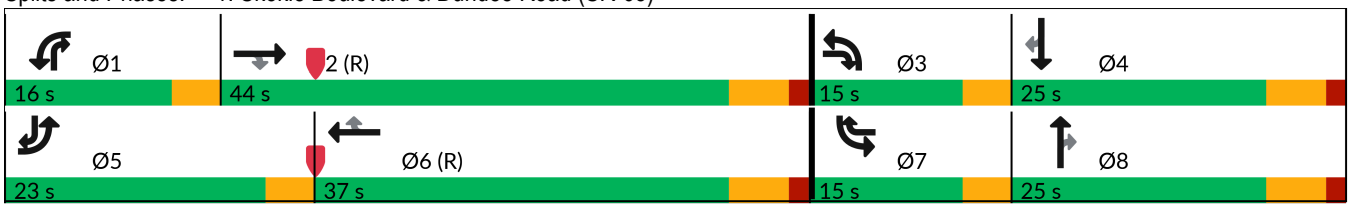
Approach	EB	WB
HCM Ctrl Dly, s/v	8.56	
HCM LOS	A	

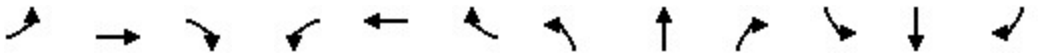
Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	1088	-	-
HCM Lane V/C Ratio	0.071	-	-
HCM Ctrl Dly (s/v)	8.6	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	283	606	126	172	648	195	173	329	166	233	318	220
Future Volume (vph)	283	606	126	172	648	195	173	329	166	233	318	220
Turn Type	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov	Prot	NA	pm+ov
Protected Phases	5	2	3	1	6	7	3	8	1	7	4	5
Permitted Phases			2			6			8			4
Detector Phase	5	2	3	1	6	7	3	8	1	7	4	5
Switch Phase												
Minimum Initial (s)	3.0	15.0	3.0	3.0	15.0	3.0	3.0	8.0	3.0	3.0	8.0	3.0
Minimum Split (s)	6.5	21.0	6.5	6.5	21.0	6.5	6.5	14.0	6.5	6.5	14.0	6.5
Total Split (s)	23.0	44.0	15.0	16.0	37.0	15.0	15.0	25.0	16.0	15.0	25.0	23.0
Total Split (%)	23.0%	44.0%	15.0%	16.0%	37.0%	15.0%	15.0%	25.0%	16.0%	15.0%	25.0%	23.0%
Yellow Time (s)	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5	3.5	4.5	3.5
All-Red Time (s)	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5	3.5	6.0	3.5
Lead/Lag	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead	Lead	Lag	Lead
Lead-Lag Optimize?												
Recall Mode	None	C-Min	None	None	C-Min	None	None	Min	None	None	Min	None
Act Effct Green (s)	20.7	34.5	54.9	13.8	27.6	51.5	14.5	14.8	34.6	17.9	18.2	45.0
Actuated g/C Ratio	0.21	0.35	0.55	0.14	0.28	0.52	0.15	0.15	0.35	0.18	0.18	0.45
v/c Ratio	0.83	0.51	0.15	0.72	0.68	0.24	0.72	0.64	0.27	0.78	0.49	0.29
Control Delay (s/veh)	58.3	27.6	2.5	59.5	36.4	7.1	59.6	45.7	10.0	60.4	40.0	12.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	58.3	27.6	2.5	59.5	36.4	7.1	59.6	45.7	10.0	60.4	40.0	12.6
LOS	E	C	A	E	D	A	E	D	B	E	D	B
Approach Delay (s/veh)		33.1			34.7			40.5			38.4	
Approach LOS		C			C			D			D	

Intersection Summary	
Cycle Length: 100	
Actuated Cycle Length: 100	
Offset: 98 (98%), Referenced to phase 2:EBT and 6:WBT, Start of Green	
Natural Cycle: 70	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.83	
Intersection Signal Delay (s/veh): 36.2	Intersection LOS: D
Intersection Capacity Utilization 72.3%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 1: Skokie Boulevard & Dundee Road (SR-68)





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	283	606	126	172	648	195	173	329	166	233	318	220
Future Volume (veh/h)	283	606	126	172	648	195	173	329	166	233	318	220
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04	1.04
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1924	1924	1909	1924	1924	1909	1885	1900	1945	1900	1976	1961
Adj Flow Rate, veh/h	298	638	94	181	682	147	182	346	101	245	335	118
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	1	1	2	1	1	2	1	0	2	0	0	1
Cap, veh/h	331	1651	917	213	1416	813	206	459	401	208	477	511
Arrive On Green	0.18	0.45	0.45	0.12	0.39	0.39	0.12	0.13	0.13	0.12	0.13	0.13
Sat Flow, veh/h	1833	3656	1618	1833	3656	1618	1795	3610	1648	1810	3754	1662
Grp Volume(v), veh/h	298	638	94	181	682	147	182	346	101	245	335	118
Grp Sat Flow(s),veh/h/ln	1833	1828	1618	1833	1828	1618	1795	1805	1648	1810	1877	1662
Q Serve(g_s), s	15.9	11.6	2.7	9.7	14.0	5.0	10.0	9.3	4.9	11.5	8.6	5.3
Cycle Q Clear(g_c), s	15.9	11.6	2.7	9.7	14.0	5.0	10.0	9.3	4.9	11.5	8.6	5.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	331	1651	917	213	1416	813	206	459	401	208	477	511
V/C Ratio(X)	0.90	0.39	0.10	0.85	0.48	0.18	0.88	0.75	0.25	1.18	0.70	0.23
Avail Cap(c_a), veh/h	357	1651	917	229	1416	813	206	686	505	208	713	616
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	40.1	18.2	10.0	43.3	23.1	13.6	43.6	42.1	30.5	44.3	41.8	25.8
Incr Delay (d2), s/veh	23.7	0.7	0.2	23.5	1.2	0.5	32.7	2.6	0.3	118.5	1.9	0.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	14.1	8.5	1.7	9.6	10.1	3.2	10.3	7.5	3.5	18.6	7.1	3.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	63.8	18.9	10.2	66.8	24.3	14.1	76.3	44.8	30.8	162.7	43.7	26.0
LnGrp LOS	E	B	B	E	C	B	E	D	C	F	D	C
Approach Vol, veh/h		1030			1010			629			698	
Approach Delay, s/veh		31.1			30.4			51.6			82.5	
Approach LOS		C			C			D			F	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	51.1	15.0	18.7	21.6	44.7	15.0	18.7
Change Period (Y+Rc), s	3.5	6.0	3.5	6.0	3.5	6.0	3.5	6.0
Max Green Setting (Gmax), s	12.5	38.0	11.5	19.0	19.5	31.0	11.5	19.0
Max Q Clear Time (g_c+I1), s	11.7	13.6	12.0	10.6	17.9	16.0	13.5	11.3
Green Ext Time (p_c), s	0.0	4.7	0.0	1.5	0.2	4.4	0.0	1.5

Intersection Summary	
HCM 7th Control Delay, s/veh	45.4
HCM 7th LOS	D

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	119	989	988	87	0	132
Future Vol, veh/h	119	989	988	87	0	132
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	150	-	-	175	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	-2	2	-	3	-
Peak Hour Factor	99	99	99	99	99	99
Heavy Vehicles, %	0	1	1	0	0	0
Mvmt Flow	120	999	998	88	0	133

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1086	0	-	0	-	499
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	4.1	-	-	-	-	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	2.2	-	-	-	-	3.3
Pot Cap-1 Maneuver	650	-	-	-	0	501
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	650	-	-	-	-	501
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.27	0	14.77
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	650	-	-	-	501
HCM Lane V/C Ratio	0.185	-	-	-	0.266
HCM Ctrl Dly (s/v)	11.8	-	-	-	14.8
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.7	-	-	-	1.1

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	116	0	806	665	61
Future Vol, veh/h	0	116	0	806	665	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Stop	-	None	-	Free
Storage Length	-	0	-	-	-	150
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-2	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	1	0	0
Mvmt Flow	0	127	0	886	731	67

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	365	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.7	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.3	-	-	-	-
Pot Cap-1 Maneuver	0	650	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	650	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	11.88	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	650	-
HCM Lane V/C Ratio	-	0.196	-
HCM Ctrl Dly (s/v)	-	11.9	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	0.7	-

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	28	33	94	43	72	69
Future Vol, veh/h	28	33	94	43	72	69
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	32	38	107	49	82	78
Number of Lanes	1	0	1	0	0	1

Approach	WB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	1	1
Conflicting Approach Left	NB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right	SB	WB	
Conflicting Lanes Right	1	1	0
HCM Control Delay, s/veh	7.7	7.9	8.3
HCM LOS	A	A	A

Lane	NBLn1	WBLn1	SBLn1
Vol Left, %	0%	46%	51%
Vol Thru, %	69%	0%	49%
Vol Right, %	31%	54%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	137	61	141
LT Vol	0	28	72
Through Vol	94	0	69
RT Vol	43	33	0
Lane Flow Rate	156	69	160
Geometry Grp	1	1	1
Degree of Util (X)	0.171	0.084	0.189
Departure Headway (Hd)	3.955	4.347	4.243
Convergence, Y/N	Yes	Yes	Yes
Cap	894	829	836
Service Time	2.041	2.347	2.317
HCM Lane V/C Ratio	0.174	0.083	0.191
HCM Control Delay, s/veh	7.9	7.7	8.3
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.6	0.3	0.7

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	9	98	32	0	84	14	11	1	2	37	0	3
Future Vol, veh/h	9	98	32	0	84	14	11	1	2	37	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	1	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	0	1	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	10	104	34	0	89	15	12	1	2	39	0	3

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	104	0	0	138	0	0	230	245	121	221	254	97
Stage 1	-	-	-	-	-	-	140	140	-	97	97	-
Stage 2	-	-	-	-	-	-	89	104	-	124	157	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.3	6.7	6.3	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.3	5.7	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1500	-	-	1458	-	-	720	652	932	739	653	965
Stage 1	-	-	-	-	-	-	861	778	-	915	819	-
Stage 2	-	-	-	-	-	-	918	808	-	885	771	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1500	-	-	1458	-	-	713	647	932	731	648	965
Mov Cap-2 Maneuver	-	-	-	-	-	-	713	647	-	731	648	-
Stage 1	-	-	-	-	-	-	855	773	-	915	819	-
Stage 2	-	-	-	-	-	-	915	808	-	876	766	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.48	0	10.02	10.12
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	732	111	-	-	1458	-	-	745
HCM Lane V/C Ratio	0.02	0.006	-	-	-	-	-	0.057
HCM Ctrl Dly (s/v)	10	7.4	0	-	0	-	-	10.1
HCM Lane LOS	B	A	A	-	A	-	-	B
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0.2

Intersection	
Int Delay, s/veh	2.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	2	36	96	2	71	137
Future Vol, veh/h	2	36	96	2	71	137
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	-1	-	-	0	-1	-
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	2	39	103	2	76	147

Major/Minor	Minor2		Major2	
Conflicting Flow All	209	2	0	0
Stage 1	209	-	-	-
Stage 2	0	-	-	-
Critical Hdwy	6.3	6.1	4.1	-
Critical Hdwy Stg 1	5.3	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	4	3.3	2.2	-
Pot Cap-1 Maneuver	700	1088	-	-
Stage 1	742	-	-	-
Stage 2	-	-	-	-
Platoon blocked, %				-
Mov Cap-1 Maneuver	0	1088	-	-
Mov Cap-2 Maneuver	0	-	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-

Approach	EB	WB
HCM Ctrl Dly, s/v	8.44	
HCM LOS	A	

Minor Lane/Major Mvmt	EBLn1	WBL	WBT
Capacity (veh/h)	1088	-	-
HCM Lane V/C Ratio	0.038	-	-
HCM Ctrl Dly (s/v)	8.4	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-

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Infrastructure • Geotechnical/Environmental • Telecommunications • Utilities/Energy

Archived: Friday, March 27, 2026 9:06:32 AM
From: proby023@aol.com
Sent: Wednesday, March 25, 2026 6:01:16 PM
To: Pandey, Swati
Subject: Proposed Gas Station Roundy's Supermarket
Sensitivity: Normal

Beware External Email - Think Before You Act

To whom it may concern,

For a multitude of reasons the main question is do we need more gas stations?

In today's ever changing car industry the push and swap to EV cars will start to pick up pace in the next few years no matter the politics involved. I often question why there is always multiple gas stations on corners all fighting for the same customers and this would create the same problem in a already highly congested and trafficked area. This area during morning, mid day and evening is very busy and this would create more problems and potentially more accidents. Many cars come out of Marianos and turn left onto Dundee which is dangerous and I have watched many close calls and some accidents. Creating more traffic and congestion is not ideal and not what the area needs. I live close to the area and wonder how we can get better flow of traffic not make it worse.

The area of placement is another concern. The surrounding businesses are doing very well and half of that parking lot is full of cars during busy times and that would push the overflow of cars where? The parking for Marianos to the east is full most of the time so you will be taking away a ton of parking and creating more flow of cars with less area to maneuver.

This isn't a economic boom for the area or the village. Gas stations often employee just a couple employees and they do not hold their building and surrounding area to a high regard and it ends up looking awful and creating more problems than it would fix. There is already a gas station on the corner so besides them trying to boost revenue what does it bring to the area or community? I won't even get into the environmental aspect which is always an issue. If this was even a thought it should have been addressed when the building was constructed not now.

Regards,
CB
825 Dell

We ARE Strongly opposed to New gas STATION in Mariano's parking lot. 4/7/26

1.	Betty Abussono	601 Gregg Rd.
2.	MARAL CARIAN	609 GREGG RD.
3.	JORAN LONGAR	610 Gregg Rd
4	Kenneth L. Johnson	640 Gregg RD
5	Northbrook Mobil	501 Dundee
6		
7	Melissa Harmon	770 Skokie Blvd
8	Demetrius Harmon	770 Skokie Blvd
9	Marythay Verne	614 Gregg Rd.
10	Lynn Lowry	602 Gregg Rd.
11	Bob Aber	601 Gregg Rd
12	[illegible]	604 Gregg Rd.
13	Chad Bidwell	825 Dell Rd
14	Kyle Dilig	832 Dell Rd
15	Kelli Olsen	840 Dell Rd.
16	Jason Swiss	904 Dell Rd
17	Kok Swiss	904 Dell Rd
18	Kaz Orshoski	600 Gregg Rd
19		
20		
21		
22		
23		
24		
25		

APPROVED
RESOLUTION NO. 26-PC-02

VILLAGE OF NORTHBROOK PLAN COMMISSION
DOCKET NO. PCD-25-18
(784 SKOKIE BOULEVARD)

WHEREAS, an application has been filed by Roundy's Supermarkets, Inc. (the "Applicant") as lessee of a portion of the property (784 Skokie Boulevard) commonly known as Northshore 770 at 770 - 798 Skokie Boulevard and 510 Dundee Road (collectively the "Subject Property"), which is owned by Menard Inc. (the "Owner"), and

WHEREAS, the Applicant has filed an application (Docket No. PCD-25-18) with the Village of Northbrook requesting:

A. Approval of an amendment to the Special Permit for Planned Development for NorthShore 770 (Ordinance No 2014-3) to allow a gas station within the parking lot;
B. Site Plan Approval; and
C. Approval of any such variations, waivers, and zoning relief as may be necessary to accomplish development and use of the Subject Property as requested by the Applicant.

WHEREAS, the Subject Property is designated as appropriate for Major Corridor Multi-Use uses in the Village of Northbrook Comprehensive Plan; and

WHEREAS, a public notice for this docket was duly published on the Northbrook Public Notice webpage and a public hearing was held on April 7, 2026; and

WHEREAS, the Applicant has submitted evidence that signs were properly posted on the Subject Property, indicating the time and date of the Commission hearing, and that all property owners within 250 feet of the Subject Property were notified of the Commission hearing by first class U.S. mail; and

WHEREAS, the Plan Commission has considered all the evidence presented to it, including, but not limited to, the following:

1. Village of Northbrook Plan Commission Application form & attachments received November 26, 2025, and all subsequent additions and revisions to these application materials and attachments.
2. Comments made by the Board of Trustees during its review of the preliminary application regarding this request.
3. All written and oral testimony concerning the application.

NOW, THEREFORE, BE IT RESOLVED by the Plan Commission of the Village of Northbrook, Cook County, Illinois, THAT:

1. Findings:

A. Comprehensive Plan Compliance. The Northbrook Plan Commission does hereby find that with respect to Docket No. PCD-25-18 the proposed application **is in general compliance** with the Northbrook Comprehensive Plan, and specifically **in compliance** with the Future Land Use Map.

B. Amendment to an Existing Planned Development. With respect to Docket No. PCD-25-18A, the Plan Commission does hereby find that the proposed facility on the Subject Property is **in compliance** with

the planned development amendment standards for such approvals as established in Article 2-118.E.3.c. of the Zoning Code.

C. Site Plan Approval. With respect to Docket No. PCD-25-18B, the Plan Commission does hereby find that the proposed improvements on the Subject Property are **in compliance** with the standards for such approvals as established in Article 2-108 of the Zoning Code.

D. Other Relief. With respect to Docket No. PCD-25-18C, the Plan Commission does hereby find that no other relief is necessary.

2. Recommendations: The Northbrook Plan Commission does hereby recommend to the Board of Trustees of the Village of Northbrook **approval** of Docket No. PCD-25-18 based on the findings established herein, to allow a Fuel Sales facility to be issued to the Applicant for the Subject Property.

ADOPTED THIS 7th day of April 2026.

AYES: (9) Braiman, Earley, Halperin, Karavitis, Melnick, Morgen, Pipito, Walden, Elisco

NAYS: (0)

ABSENT: (0)

ABSTAIN: (0)

_____/s/ Steven Elisco _____
Steven Elisco, Chairman
Northbrook Plan Commission

ATTEST:
____/s/ Amy McEwan _____
Amy McEwan, Director
Development and Planning Services

MEMORANDUM

To: Plan Commission
From: Swati Pandey, Senior Planner
CC: Michaela Kohlstedt, Deputy Director
Date: April 7, 2026
Subject: PCD-25-18: 784 Skokie Boulevard – Gas Station accessory with the existing grocery store

Requested Action

On April 7, 2026 the Plan Commission will conduct a public hearing on an application filed by Roundy's Supermarkets, Inc. (the "Applicant") as lessee of a portion of the property (784 Skokie Boulevard) commonly known as Northshore 770 at 770 - 798 Skokie Boulevard and 510 Dundee Road (collectively the "Subject Property"), which is owned by Menard Inc. (the "Owner"). The Applicant proposes to construct a gas station accessory to the existing grocery store within the parking lot on the Subject Property requiring the following relief:

A. Approval of an amendment to the Special Permit for Planned Development for NorthShore 770 (Ordinance No 2014-3) to allow a gas station within the parking lot;

B. Site Plan Approval; and

C. Approval of any such variations, waivers, and zoning relief as may be necessary to accomplish development and use of the Subject Property as requested by the Applicant.

Proposed Scope of Work

- The applicant is requesting to redevelop a portion of the property, known as NorthShore 770 for a gas station accessory to the Mariano's grocery store. A gas station is a permitted use in the O-4 District subject to additional regulations which underwent the necessary staff review per the current Zoning Code. The development at Northshore 770 was approved as a Planned Development with a final plan approval in 2014. In order to allow this redevelopment, an amendment of the existing Planned Development would be required. Details regarding the proposed request are outlined in the attached material submitted by the Applicant.
- The Mariano's grocery store was developed as part of the Planned Development. The applicant would like to utilize the relatively unused southern portion of the parking lot and redevelop 11,000 square feet approximately with a gas station; removing 91 parking stalls and modifying six landscape islands within the parking area. The major ingress/egress to the site, specifically on Dundee Road will remain undisturbed.
- The gas station would consist of five fuel dispensers (for ten vehicles) under one canopy, with one transaction kiosk in the parking lot. The canopy would be 145'x24' and 19-foot tall to provide weather protection for fuel dispensers. The transaction kiosk would be 244 square feet in size, and 11-foot tall, which includes retail and restroom area, with 2-3 employees. The kiosk would allow sale of windshield wiper fluid, firewood, ice, candy, etc. The exterior of the kiosk will match the Marianos's building.
- The hours of operation include:
    - Fuel center: 24 hours/seven days a week with credit card purchase
    - Transaction kiosk: 6:00am – 10:00pm (same hours as Mariano's grocery store)
- Stormwater detention and volume control system that serves the shopping center will remain unchanged. The development will occur on existing impervious area and would not change any

drainage patterns.

- *Parking*: There are 562 parking spaces provided on the property (surface parking of the entire Planned Development). The applicant has proposed to remove 91 spaces, therefore, there would be 471 remaining spaces. The parking requirement for a fuel sales facility is 1 space per 250 square feet, which in this instance would require one parking space for the kiosk.

  The applicant has provided the current tenant information for commercial portion of the Northshore 770 development. Based on the data provided, including the proposed use, a total of 449 spaces would be required for the entire shopping center. Therefore, there will be a surplus of 22 spaces within the shopping center. The applicant has provided a parking exhibit (attached) showing the data for the tenant and breakdown of parking for Northshore 770. Parking is in compliance with the requirements of the Zoning Code. The applicant has provided a parking study concluding that the observed parking demand for the existing grocery store is sufficient to accommodate the proposed gas station.

- *Landscaping*: A landscape plan has been provided by the Applicant. Interior parking lot landscaping is in compliance with the landscaping requirements within the Zoning Code. A mix of trees, deciduous shrubs, and grass are shown on the plan. The Village's tree preservation officer has reviewed and approved the plan subject to final site work permit approval.

- *Signage*:

  - *Wall*: The Applicant proposes installation of wall signs on the west and east façade of the kiosk building, which is a Mariano's logo. The canopy includes signage on three sides showing logo and lettering, and digital fuel sales price board as shown on the sign plan. The proposed wall signs are in compliance with the requirements of the Zoning Code.

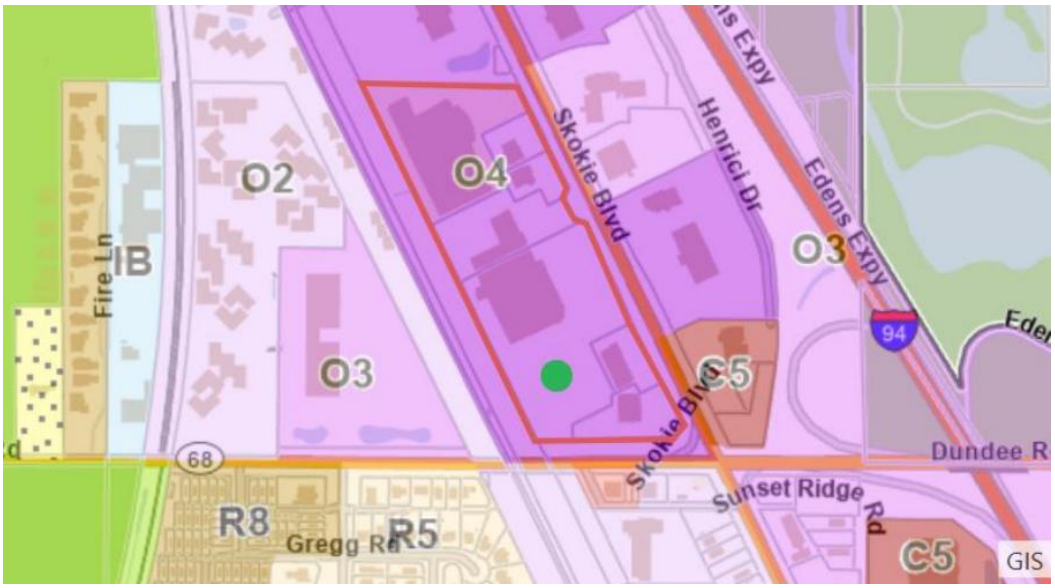
  - *Ground*: The Applicant has proposed redesigning the two existing ground signs for the Northshore 770 development, located on Dundee Road and Skokie Boulevard. The existing Mariano's portion of signage on the ground signs will be split to allow a fuel sales price board. The sign is in compliance with the requirements of the Zoning Code.

Property Description

The Subject Property is identified as being:

- located at the northwest corner of Skokie Boulevard and Dundee Road;
- approximately 15.8 acres in size;
- improved with a multi-story apartment building; multi-tenant and single-tenant commercial buildings with retail, restaurants, and service based uses;

- zoned O-4 Boulevard Office District;
- surrounded by:
    - North: O-4 Boulevard Office; Office
    - South: C-2 Neighborhood Commercial; Retail
      O-2 Limited Office; Gas Station
    - East: C-5 Boulevard Commercial; Retail
      O-3 General Office & O-4 Boulevard Office; Offices
    - West: O-4 Boulevard Office; Railroad Right-of-Way



- designated as appropriate for Major Corridor Multi-Use in the Comprehensive Plan's Future Land Use

- not located within the 100-year flood plain;
- not located in proximity to any areas identified in the Master Stormwater Management Plan.

Preliminary Review

On September 9, 2025, the Board of Trustees conducted a preliminary review of the request for a gas station at the property. The Board found the request to be appropriate but stated concerns regarding traffic and recommended a traffic study. An excerpt of the Board of Trustees minutes is attached for reference, and the meeting can be viewed on the Village website as well to hear the actual commentary from the Trustees.

The following is a table of the comments made by members of the Board of Trustees:

Trustee	Title	Status	Comments
Kathryn Ciesla	Village President	Present	Traffic; Layout and traffic patterns
Robert Israel	Trustee	Present	Use is acceptable; Traffic is a concern; proposed signage should be reviewed by PC
Heather Ross	Trustee	Present	Agree with Trustee Israel
Johannah Hebl	Trustee	Present	Traffic is a concern; Site access to be reviewed
Joy Ebhomielen	Trustee	Present	Traffic is a concern; Use is fine
Michelle Kohler	Trustee	Present	Use is fine; Traffic is a concern
Matt Cassidy	Trustee	Present	Location of the gas tank to be reviewed; traffic study.

The proposal and the general layout of the plan presented at preliminary review have not changed with the formal application, however, the scope of minor work on the Subject Property and the level of detail has expanded as discussed in the report. The Applicant has also provided the attached traffic study which was reviewed by the Village traffic consultant and found that the proposed plan is adequate as presented.

Staff Review

Prior to scheduling a public hearing the application underwent the standard review process and was reviewed by the following departments/entities. Staff found the proposed plan acceptable for a public hearing and any outstanding items can be addressed at the time of building permit:

- ✓ Development and Planning Services (Planning & Zoning)
- ✓ Sustainability
- ✓ Fire
- ✓ Police
- ✓ Public Works (Village Engineer and Tree Preservation)
- ✓ Traffic Consultant
- ✓ Village Attorney

Compliance with Village Plans

- The Comprehensive Plan identifies the property for Major Corridor Multi-Use which is intended to accommodate a mixture of higher density multi-family housing, retail, restaurant, business and professional offices, personal and business services. A gas station would be classified as retail, and business service use.
- The Village's Bicycle and Pedestrian Plan is applicable and as noted earlier in this memo, it designates Dundee Road in front of the Subject Property for a future sidepath (located adjacent to a roadway) and Skokie Valley Trail Phase 2 to the west for a shared use path (facilities separated from roadways for use by bicyclists and pedestrians).
- The Subject Property is not located within the 100-year flood plain, nor is it located within a stormwater project area as identified in the Master Stormwater Management Plan.

ZONING RELIEF

Major Amendment to an existing Planned Development

The Applicant is requesting approval for a fuel sales facility as a permitted use in O-4 District. As stated earlier, Northshore 770 through several approval documents including Ordinance No. 2014-3 and 2014-23 (attached), approved a Planned Development for the residential and commercial portions of the development. The proposed fuel sales facility is a permitted use in the zoning district; however, the planned development is required to be amended to allow the facility on the property. When considering a major amendment to an existing Planned Unit Development, the Zoning Code states that the amendment shall be treated as a new application for PUD approval. Below is the review criteria to consider when assessing a PUD:

Zoning Code Article 2-118 Planned Unit Development

2-118.D Review Criteria

1. **General Review Criteria**. In the review of all PUDs, the Board of Trustees shall find that all of the following objectives are met:

    a. **Plan Alignment**. The PUD is consistent with and clearly puts into effect the goals, objectives, and policies set forth in adopted plans and policy documents of the Village.

    b. **Placemaking**. The PUD has a distinctive identity and brand that is utilized in signs, streetscape, public art, architecture, public gathering spaces, and open spaces.

    c. **Integrated Design with Identifiable Centers and Edges**. The PUD is laid out and developed as a unit in accordance with an integrated overall design. The design provides identifiable centers and edges through the harmonious grouping of buildings, uses, facilities, community spaces, and open spaces. The design is highly connected internally and externally and maximizes multimodal transportation.

    d. **Compatibility with Adjacent Land Uses**. The PUD includes uses which are generally compatible with the uses of adjacent parcels, with consideration given to the level of activity or intensity, noise, light, and odor. If the uses are not generally compatible, adverse impacts are mitigated through building design, height, and placement; significant screening; landscaping; public open space; and other buffering features that protect uses within the development and surrounding properties beyond what is otherwise required by this Code.

    e. **Landscape Conservation and Visual Enhancement**. The PUD preserves and enhances existing natural features and amenities, such as stands of mature trees, riparian areas, wildlife habitat, unique landforms or topography, and significant viewsheds, beyond that which is required by the Village.

    f. **Open and Public Gathering Space**. The PUD includes prominent and accessible open space and public gathering space, meeting the ownership and maintenance standards of Article 8. The Board of Trustees may elect to condition their approval of the PUD on the dedication of open space and public gathering space to the Village for public use.

    g. **Archaeological, Historical, or Cultural Impact**. The PUD does not substantially, adversely impact archaeological, historical, or cultural resources, including historic properties eligible for or listed in the National Register of Historic Places located on or off the parcel(s) proposed for development. Examples of adverse impacts include but are not limited to:

i. Neglect, destruction, damage, or removal of resources; alteration of property inconsistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties,

ii. Change of the character of the physical features of the resource's setting and association that contribute to its historic significance, and

iii. Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features.

It is understood that not all of the above criteria would be applicable in reviewing the proposed modification to add a fuel station to the Subject Property since it will be constructed on the interior of an already constructed planned unit development.

SUMMARY

A sign has been posted on the Subject Property indicating the time and date of the Plan Commission public hearing. The Applicant has submitted evidence that the mailed notice requirements of the Zoning Code have been satisfied. The Plan Commission hearing was properly noticed on the Northbrook Public Notice Webpage.

Staff has received one public comment for this application, which is attached. The concerns include: increase in traffic and reduction in parking within the shopping center.

In reviewing this request, staff suggests the Plan Commission consider the following policy questions:

a) Is the proposed gas station an appropriate use on the property?

b) Is it acceptable to amend the Planned Development to allow redevelopment of a portion of the parking for a gas station?

c) Is the location and design of the facility within the existing parking lot appropriate?

Staff has prepared the attached draft resolution for consideration by the Commission. If the Commission should choose to amend and/or take action on this resolution, it would be **Resolution No. 26-PC-02.**

The Applicant and staff will attend the April 7, 2026 Plan Commission meeting to answer any questions.

MEMORANDUM

To: Northbrook Plan Commission
From: Kate Carney, Sustainability Coordinator
cc: Michaela Kohlstedt, DPS Deputy Director
Date: April 7, 2026
Subject: PCD-25-18: 784 Skokie - Mariano's Gas Station – Sustainability Addendum

Northbrook's Climate Action Plan (CAP) calls to foster sustainability and reduce 80% of community-wide carbon emissions by 2050 through strategic planning and action item implementation. With CAP adoption, development proposals are reviewed with respect to best environmental practices.

Village staff provided Sustainability Comments in response to all submittals for the proposed planned development solely regarding applicable measures from the CAP. Under each section are a list of Climate Action Plan items as they relate to the proposed development. Staff confirms the proposed project partially addresses CAP items requested of the Applicant.

Of the items presented to the Applicant 95% were fully realized according to CAP standards, to the extent *detailed below in italics.*

Transportation and Land Use
In the Transportation and Land Use section of the CAP, recommendations are made to enhance active mobility and fossil fuel-free transit:

TL 5- 8 Consider installing EV charging stations for patron use. If this will not be realized, consider including capabilities for future electric vehicle charging installation. This could include conduit, wiring, electrical service panels, and power capacity near parking areas, terminated in outlets or junction boxes to meet demand for at least 2 EV charging ports.

Applicant response: This project currently is not considering EV stations as part of this development.

TL 7- 1 The Village has enacted a nine-month ban on gas powered leaf blowers – ensure compliance on site.

Applicant response: This is noted, the landscaping maintenance is handled by the landlord who should be following the Village ordinance.

Buildings and Energy
The Building Energy section of the CAP provides the following items pertaining to reducing our community-wide carbon footprint and preserving wildlife:

BE 2- 1 Consider incorporating a renewable energy installation to offset emissions generated from the development. Work with CPACE, Illinois Shines, or similar programs for incentives. If installation will not be realized, consider reserving space for a solar-ready roof zone and plan for structural design loads and electrical service to allow for future installation of a dual pole circuit breaker if possible.

Applicant response: This project currently does not include solar panels but in the instance this was a requirement, the canopy roof could house these as required by code.

BE 2- 2 If the site is suitable, make the canopy solar ready.

Applicant response: This project currently does not include solar panels but in the instance this was a requirement, the canopy roof could house these as required by code.

BE 4- 1 Consider green power purchase options such as those provided by ComEd and Nicor.

Applicant response: This building will utilize the existing electrical service provided to the Mariano's grocery store and will not be unitizing natural gas.

BE 5- 1 Explore opportunities for the property to utilize smart lights that can save energy through conservation. Achieve 100% LED installation if possible.

Applicant response: This development will utilize all LED light fixtures.

BE 5- 4 Require purchase and installation of ENERGY STAR appliances when available.

Applicant response: This development will utilize the latest energy efficient appliances as it applies to coolers and roof top units (RTUs) for the kiosk.

BE 7- 2 Consider the benefits of replacing fossil fuel burning heating equipment with air-source heat-pumps, or other efficient electric heating options.

Applicant response: The kiosk building is scheduled to utilize an electric heater.

Waste Management
The CAP points to procedures that may facilitate waste reduction (with a goal of at least 50% landfill wasted diverted by 2030) in its Waste Management section:

WM 1- 1 Consider phasing out single-use products. This would apply to (but not limited to) bags (both paper and plastic), utensils, napkins, and take-out containers.

Applicant response: This operation will include only the use of single use grocery bags for customers who request them when making purchases at the kiosk building.

WM 2- 5 Assure compliance with the Cook County Construction & Demolition Debris Diversion Ordinance and encourage contractors and subcontractors to exceed minimum requirements where applicable.

Applicant response: All codes and requirements will be followed during the

Water and Wastewater
In the Water and Wastewater category, the CAP states to prioritize mitigating stormwater before it enters the sewer system through multiple capture techniques:

WW 1- 1 Consider landscaping practices that reduce water consumption and chemical use on site.

Applicant response: Existing landscaping practices will not be interrupted as we are doing a minimal net loss of green space with islands being relocated.

WW 2- 1 Prioritize managing stormwater before it enters the sewer system through a combination of overland flow, detention, and infiltration strategies (for example, permeable surfaces) where feasible.

Applicant response: We are implementing a sand/oil separator at our storm drains to treat water before it enters the storm system.

WW 2- 3 Consider revegetation, tree preservation planting and maintenance, de-paving and porous pavement, green infrastructure like bioswales and Eco-roofs in site development.

Applicant response: We are planning to relocate some existing islands but most of the development is within an underutilized paved parking area.

WW 3- 3 Reduce or offset impervious surfaces where possible and consider use of lighter colored pavements and building materials to lessen the impact of urban heat island effect.

Applicant response: Majority of this area will now be covered by a canopy which will help reduce the heat island effect.

Greenspace and Ecosystem Health
The Plan's Greenspace category includes the following for expansion of tree canopy coverage, transforming beneficial lawns, and mitigation of heat island impacts:

GS 1- 12 Plan for diversity of native tree cover and performance-based tree island within landscaping plan and parking lots with goals on percentage of pavement shaded. Consider a mix of canopy trees, shrubs, groundcovers, and raingarden components appropriate to the lot and its surroundings in any new landscaping where possible.

Applicant response: Landscaping work planned is to utilize existing species of shrubs within the landscape islands being relocated to work within the existing greater landscape design plan.

GS 2- 5 Consider including exterior lighting design a policy to protect native plants, species, biodiversity, and improve night sky quality.

Applicant response: Exterior lighting is being designed within the parameters of the Village lighting ordinance as demonstrated on the photometric plan.

GS 4- 8 Consider utilizing shade and water absorbing trees and replacing turf landscaping with native prairie, wild flower, and savanna plantings.

Applicant response: This scope will not apply to the development.

Village Board of Trustees Minutes

Sandra "Sandy" Frum Board Room
1225 Cedar Lane Northbrook, IL 60062
Tuesday, September 9, 2025

Village President Kathryn Ciesla called the meeting to order at 7:35 PM

1. **ROLL CALL**

Attendee Name	Title	Status
Kathryn Ciesla	Village President	Present
Robert Israel	Trustee	Present
Heather Ross	Trustee	Present
Johannah Hebl	Trustee	Present
Joy Ebhomielen	Trustee	Present
Michelle Kohler	Trustee	Present
Matt Cassidy	Trustee	Present

2. **PLEDGE OF ALLEGIANCE**

3. **MINUTES APPROVAL**

A. August 26, 2025 Regular Board Meeting Minutes for Approval

RESULT:	**APPROVED [6 – 0]**
MOVER:	Johannah Hebl, Trustee
SECONDER:	Heather Ross, Trustee
AYES:	Israel, Ross, Hebl, Ebhomielen, Kohler, Cassidy
NAYES:	None
ABSTAIN:	Kathryn Ciesla, President
ABSENT:	None

4. **PUBLIC COMMENT TIME** - None

5. **MANAGER'S REPORT**

Deputy Village Manager Hawkins reminded everyone that the next Board of Trustees meeting will be in October, the September 23rd meeting will not be held in observance of Rosh Hashanah.

The WaterSmart portal is coming online soon, and residents should sign up to receive helpful notifications (e.g. water leak alerts) from our upgraded water meter infrastructure.

Welcomed Bradley Taylor, newest member of the Public Works department.

Trustee Hebl encouraged the public to sign up for Northbrook Notify to receive helpful Village-wide notifications.

B. Ordinance 2025-56 Rezoning the Properties at 2890 and 2990 Dundee Road and Amending the District Zoning Map (Plan Commission Docket No. PCD-25-10)

Presentation waived.

RESULT:	**APPROVED [6 – 0]**
MOVER:	Johannah Hebl, Trustee
SECONDER:	Robert Israel, Trustee
AYES:	Israel, Ross, Hebl, Ebhomielen, Kohler, Cassidy
NAYES:	None
ABSTAIN:	Kathryn Ciesla, President
ABSENT:	None

C. Preliminary Review of a Request by Sevan Multi-Site Solutions on behalf of Roundy's Supermarkets Inc., to amend Ordinance No. 2014-3 approving a planned development at 784 Skokie Boulevard to allow for installation and operation of a gas station on the south side of the property.

Amy McEwan, Director of Development & Planning Services, discussed an application submitted by Roundy's Supermarkets Inc. for the property located at 784 Skokie Boulevard. The applicant is requesting a planned development at 784 Skokie Boulevard to allow for installation and operation of a gas station on the south side of the property. She provided a brief overview of the following: property's history, zoning, and proposed plan.

Matthew Pisko, Operations Director at Sevan Multi-Site Solutions explained that Kroger, through its Mariano's brand, is proposing a fuel station modeled after its 1,700 existing locations nationwide, describing it as an architecturally consistent, low-impact extension of the grocery store that offers customer discounts, operates primarily with excess parking, and is run by Kroger-trained employees.

President Ciesla, Trustees Hebl, Israel, and Cassidy suggested that the Plan Commission should carefully consider traffic density, egress, and signage.

Trustees Kohler and Ebhomielen spoke favorably in supporting grocery stores and the need for an additional gas station in this area.

RESULT:	**MOVED TO PLAN COMMISSION [6 – 0]**
MOVER:	Robert Israel, Trustee
SECONDER:	Michelle Kohler, Trustee
AYES:	Israel, Ross, Hebl, Ebhomielen, Kohler, Cassidy
NAYES:	None
ABSTAIN:	Kathryn Ciesla, President
ABSENT:	None

11. COMMUNITY AND SUSTAINABILITY

A. Resolution 2025-R-145 Approving and Accepting the Village of Northbrook 2025-2026 Climate Action Plan Priority Action Items

Ordinance 2014-3

An Ordinance Granting Special Permits for a Planned Development with a Floor Area Ratio No Greater Than 0.80, Retail Trade and Service Uses, and Multiple Family Dwellings in the O-4 District (Northshore 770 - 770 Skokie Boulevard) (Plan Commission Docket No. 13-01)

Passed by the Board of Trustees, 1/14/2014
Printed and Published 1/15/2014

Printed and Published in Pamphlet Form
by Authority of the
President and Board of Trustees
VILLAGE OF NORTHBROOK
COOK COUNTY, ILLINOIS

I hereby certify that this document
was properly published on the date
stated above.

/s/ Debra J. Ford
Village Clerk

Ordinance 2014-3

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Granting Special Permits for a Planned Development with a Floor Area Ratio No Greater Than 0.80, Retail Trade and Service Uses, and Multiple Family Dwellings in the O-4 District (Northshore 770 - 770 Skokie Boulevard) (Plan Commission Docket No. 13-01)

shall be, and is hereby, adopted as follows:

Section 1. BACKGROUND

Morningside Crossroads Partners, LLC ("***Developer***") is the contract purchaser of property generally located at the northwest corner of Dundee Road and Skokie Boulevard ("***Subject Property***"). The Subject Property is comprised of parcels located at 770 Skokie Boulevard, owned by CXA-10 Corporation, and 550 Dundee Road, owned by the Ralph J. Zengeler Family Trust, Trust #98250, and the Robert J. Lechner Family Trust, Trust #97450. The Developer desires to develop the Subject Property as a mixed-use planned development consisting of a luxury residential apartment building and a grocery-anchored commercial shopping center ("***Planned Development***").

The Developer has submitted an application to the Village requesting, among other relief, special permits for a mixed use planned development with a floor area ratio no greater than 0.80 which includes retail trade and service uses as well as multiple family residential uses ("***Requested Relief***"). The owners of the Subject Property have consented to the Developer's application for the Requested Relief.

On January 14, 2014, the President and the Board of Trustees of the Village ("***Corporate Authorities***") adopted Ordinance No. 14-2, approving various amendments to the Northbrook Zoning Code (1988), as amended ("***Zoning Code***") that enables the Development as proposed by the Developer as a special permit use in the O-4 Boulevard Office District.

The Corporate Authorities have determined that granting the Developer the Requested Relief in accordance with the terms of this Ordinance is in the best interest of the Village and its residents.

Section 2. DESCRIPTION OF SUBJECT PROPERTY.

The Subject Property consists of approximately 15.7 acres and is legally described in ***Exhibit A***, attached to and, by this reference, made a part of this Ordinance. The Property is located within the O-4 Boulevard Office District.

Section 3. PUBLIC HEARING.

A public hearing to consider the Requested Relief was duly published on August 15, 2013 in the *Northbrook Star*, and a public hearing was held before the Plan Commission on September 3, 2013 which public hearing was continued to September 17, 2013, October 1, 2013 and November 5, 2013. On November 19, 2013 the Plan Commission adopted a resolution making a formal recommendation (Plan Commission Resolution No. 13-PC-12), for the approval of Docket No. 13-01.

Section 4. SPECIAL PERMITS.

A. Mixed Use Planned Development. Subject to and contingent upon the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, a special permit for a Mixed Use Planned Development on the Subject Property containing no more than 511,435 square feet of gross floor area (Village of Northbrook SIC No. 9820.01) shall be, and is hereby, granted in accordance with and pursuant to Sections 11-602 and 11-603 of the Zoning Code and the home rule powers of the Village of Northbrook. This special permit shall specifically incorporate the following uses in accordance with and pursuant to Paragraph 6-105 C1 and Section 11-602 of the Zoning Code and the home rule powers of the Village of Northbrook:

1. Retail Trade & Service Uses. The development, operation, and maintenance of any and all of those Retail Trade and Service Uses allowed as either permitted, conditional, or special permit uses in the C-5 District and listed in Subsections 5-102 E or 5-102 G of the Zoning Code located in approximately 101,400 square feet of gross floor area within the Planned Development; provided, however, that the final square footage of the gross floor area of the retail portion of the Planned Development may be adjusted up or down by the Developer subject to the limitation set forth in Section 4.B of this Ordinance; and
2. Multiple Family Dwellings. The development, operation, and maintenance of up to 347 Multiple Family Dwelling units located in approximately 410,000 square feet of gross floor area within the Planned Development; provided, however, that the final square footage of the gross floor area of the residential portion of the Planned Development may be adjusted up or down by the Developer subject to the limitation set forth in Section 4.B of this Ordinance.

B. Floor Area Ratio. Subject to and contingent upon the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, a special permit for the development of the Planned Development on the Subject Property with a Floor Area Ratio of up to 0.80 (Village of Northbrook SIC No. 9970.01) shall be, and is hereby, granted in accordance with and pursuant to Paragraph 6-102 H and Section 11-602 of the Zoning Code and the home rule powers of the Village of Northbrook; provided that the gross floor area of the Planned Development may not exceed 511,435 square feet.

Section 5. SPECIAL PERMIT CONDITIONS.

The special permits granted in Section 4 of this Ordinance shall be and are expressly conditioned upon the following:

A. Approval of Development Concept Plan. Adoption by the Corporate Authorities, after the adoption of this Ordinance, of a Resolution approving the Development Concept Plan for the Planned Development in substantially the form attached to this Ordinance as ***Exhibit B*** ("***Development Concept Plan Resolution***").

B. Approval of Final Plan. Adoption by the Corporate Authorities, no later than July 14, 2015, of a Resolution approving a Final Plan for the Planned Development ("***Final Plan***") in accordance with and pursuant to (i) Paragraph 11-603 D4 of the Zoning Code and (ii) the special conditions required for approval of the Final Plan set forth in the Development Concept Plan Resolution.

C. Execution of Development Agreement. Execution by the Developer, or its successor entities or direct affiliates, upon approval of the Final Plan, of one or more development agreements with the Village prepared and approved by the Village Attorney providing for the use and development of the Subject Property in accordance with the Final Plan and other specified conditions and restrictions set forth in the development agreement ("***Development Agreement***").

D. Compliance with Approvals. Development, use, and maintenance of the Subject Property being in substantial compliance with the Final Plan and the Development Agreement, except for minor changes and site work approved by the Director of Development and Planning Services or the Village Engineer (for matters within their respective permitting authorities) in accordance with all applicable Village standards.

The special permits granted in Section 4 shall not be deemed or interpreted as authorizing or entitling the development or the improvement of the Subject Property in any manner whatsoever unless and until the conditions set forth in Sections 5.A through 5.C are satisfied.

Section 6. FAILURE TO COMPLY WITH CONDITIONS

Upon failure or refusal of the Developer or its successors in interest to the Subject Property to comply with any or all of the conditions, restrictions or provisions of this Ordinance, the special permits granted in Section 4 of this Ordinance shall, at the sole discretion of the Corporate Authorities, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Corporate Authorities may not so revoke the special permits unless it shall first provide the Developer, or its successors in interest to the Subject Property, with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Corporate Authorities. In the event of revocation, the development and use of the Property shall be governed solely by the regulations of the O-4 Boulevard Office District, as the same may, from time to time, be amended. Further, in the event of such revocation of the special permits, the Village Manager and Village Attorney are hereby authorized and directed to bring such zoning enforcement action as may be appropriate under the circumstances. The Developer acknowledges on behalf of itself and its successors in interest to the Subject Property that public notices and hearings have been held with respect to the adoption of this Ordinance, has considered the possibility of the revocation provided for in this Section, and agrees not to challenge any such revocation on the grounds of any procedural infirmity or any denial of any procedural right, provided that the notice required by this Section is given.

Section 7. AMENDMENT TO SPECIAL PERMITS

Any amendment to the special permits granted in Section 4 of this Ordinance that may be requested after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Code for amendment of special permit uses.

Section 8. EFFECTIVE DATE

This Ordinance shall be effective only upon the occurrence of all of the following events:

1. passage by the Corporate Authorities by a majority vote in the manner required by law; and
2. publication in pamphlet form in the manner required by law.

Adopted: 1/14/2014

RESULT:	**ADOPTED BY CONSENT VOTE [UNANIMOUS]**
MOVER:	Michael Scolaro, Trustee
SECONDER:	A.C. Buehler, Trustee
AYES:	Buehler, Scolaro, Heller, Ciesla, Israel, Frum
ABSENT:	James Karagianis

ATTEST:

/s/ Sandra E. Frum
Village President

/s/ Debra J. Ford
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION OF SUBJECT PROPERTY

A TRACT OF LAND COMPRISED OF LOTS 3, 4 AND 5 IN "LANE PARK SUBDIVISION" IN THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, TOGETHER WITH A PART OF SAID SOUTHEAST QUARTER OF SAID SECTION 2 LYING SOUTH OF THE SOUTH LINE OF SAID LOT 4, WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD, AS NOW DEDICATED, AND NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD, AS NOW DEDICATED, SAID TRACT OF LAND BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF A LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2, WITH A LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 5 AFORESAID; AND RUNNING THENCE NORTH 26 DEGREES 33 MINUTES 47 SECONDS WEST (ASSUMED) ALONG SAID LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH THE CENTERLINE OF THE RIGHT OF WAY CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID LINE BEING ALONG THE WESTERLY LINE OF LOTS 3,4 AND 5 IN LANE PARK SUBDIVISION, AFORESAID, A DISTANCE OF 1420.35 FEET TO THE NORTHWEST CORNER OF SAID LOT 3; THENCE NORTH 89 DEGREES 56 MINUTES 29 SECONDS EAST ALONG THE NORTH LINE OF SAID LOT 3, A DISTANCE OF 548.86 FEET TO THE NORTHEAST CORNER OF SAID LOT 3; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOTS 3 AND 4, SAID EASTERLY LINE BEING 50.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 706.39 FEET TO AN ANGLE POINT IN SAID EASTERLY LINE OF LOT 4; THENCE SOUTH 21 DEGREES 49 MINUTES 59 SECONDS EAST ALONG SAID EASTERLY LINE OF LOT 4, A DISTANCE OF 121.27 FEET TO AN ANGLE POINT IN SAID LOT 4; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 4, SAID EASTERLY LINE BEING 60.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 349.12 FEET TO THE SOUTHEAST CORNER OF SAID LOT 4; THENCE CONTINUING SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG LAST DESCRIBED PARALLEL LINE, BEING THE WESTERLY LINE OF SKOKIE BOULEVARD AS DEDICATED BY PLAT RECORDED DECEMBER 31, 1935 AS DOCUMENT NO. 11735510, A DISTANCE OF 184.57 FEET TO A POINT OF CURVE IN SAID WESTERLY LINE; THENCE SOUTHWESTWARDLY ALONG THE ARC OF A CIRCLE CONVEX TO THE SOUTHEAST, TANGENT TO THE LAST DESCRIBED PARALLEL LINE AND HAVING A RADIUS OF 25.00 FEET, A DISTANCE OF 50.03 FEET, TO A POINT OF TANGENT WITH THE NORTHERLY LINE OF DUNDEE ROAD AS DEDICATED BY THE AFORESAID DOCUMENT NO. 11735510; THENCE SOUTH 88 DEGREES 05 MINUTES 13 SECONDS WEST ALONG SAID NORTHERLY LINE OF DUNDEE ROAD, A DISTANCE OF 208.51 FEET, TO AN INTERSECTION WITH A LINE WHICH EXTENDS NORTHWARD FROM A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2, DISTANT 157.58 FEET EAST OF THE INTERSECTION OF SAID SOUTH LINE WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY; THENCE NORTH 00 DEGREES 01 MINUTES 39 SECONDS EAST ALONG THE LAST DESCRIBED LINE (WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39

SECONDS WITH THE SOUTH LINE OF SAID SOUTHEAST QUARTER), A DISTANCE OF 208.21 FEET TO AN INTERSECTION WITH THE SOUTH LINE OF LOT 4 AFORESAID; THENCE WEST ALONG SAID SOUTH LINE OF LOT 4, A DISTANCE OF 334.57 FEET TO THE NORTHEAST CORNER OF SAID LOT 5; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 5, A DISTANCE OF 239.60 FEET TO THE SOUTHEAST CORNER OF SAID LOT 5, SAID SOUTHEAST CORNER BEING A POINT ON THE AFORESAID LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2; THENCE WEST ALONG SAID PARALLEL LINE, BEING THE SOUTH LINE OF SAID LOT 5, A DISTANCE OF 55.90 FEET TO THE POINT OF BEGINNING IN COOK COUNTY, ILLINOIS.

ALSO INCLUDING:

PARCEL 1:

THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES EASTERLY OF A LINE DRAWN THROUGH SAID 8 ACRES PARALLEL TO AND 235.00 FEET EASTERLY OF AND MEASURED AT RIGHT ANGLE TO THE CENTER LINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, AND WHICH LIES WESTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2 AT A DISTANCE OF 77.58 FEET EAST OF A POINT OF ITS INTERSECTION WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTER LINE OF THE RIGHT OF WAY; THENCE NORTH TO THE NORTH LINE OF SAID SOUTH 8 ACRES ALONG A LINE WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 2, AFORESAID, EXCEPTING FROM SAID DESCRIBED PROPERTY THAT PART THEREOF DEDICATED OR USED FOR DUNDEE ROAD, ALL IN COOK COUNTY, ILLINOIS.

PARCEL 2:

THE WESTERLY 80 FEET OF THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD AS NOW DEDICATED, NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD AS NOW DEDICATED, AND EASTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 DISTANT EASTERLY THEREON 77.58 FEET FROM A POINT OF INTERSECTION OF SAID SOUTH LINE WITH A LINE PARALLEL WITH, AND DISTANT NORTHEASTERLY 275 FEET MEASURED AT RIGHT ANGLES TO, THE CENTER LINE OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, RUNNING THENCE NORTHERLY TO THE NORTH LINE OF SAID 8 ACRES ALONG A LINE WHICH FORMS AN ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WHEN MEASURED CLOCKWISE FROM AFORESAID SOUTH LINE OF THE SOUTHEAST QUARTER OF SOUTHEAST QUARTER OF SECTION 2, ALL IN COOK COUNTY, ILLINOIS.

PINS: 04-02-402-031, -032, -033; 04-02-422-009; 04-02-422-001, -006, -008

Commonly known as 770 Skokie Boulevard, Northbrook, Illinois 60062

EXHIBIT B

DEVELOPMENT CONCEPT PLAN RESOLUTION

872

1419845012

Doc#: 1419845012 Fee: $162.00
RHSP Fee:$9.00 RPRF Fee: $1.00
Karen A.Yarbrough
Cook County Recorder of Deeds
Date: 07/17/2014 09:23 AM Pg: 1 of 63

Ordinance 2014-23

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Granting Final Plan Approval, Yard and Setback Variations, and Waivers (NorthShore 770 - 770 Skokie Boulevard) (Plan Commission Docket No. 14-05)

shall be, and is hereby, adopted as follows:

SECTION 1. BACKGROUND

Morningside Crossroads Partners, LLC ("***Applicant***") proposes to develop the property generally located at the northwest corner of Dundee Road and Skokie Boulevard ("***Subject Property***") as a mixed-use planned development ("***Planned Development***"). The Subject Property is comprised of parcels located at 770 Skokie Boulevard, owned by CXA-10 Corporation, and 550 Dundee Road, owned by the Ralph J. Zengeler Family Trust, Trust #98250, and the Robert J. Lechner Family Trust, Trust #97450. The Subject Property will be acquired and subdivided into six new lots. Lots 1, 3, 4, 5, and 6 of the proposed subdivision, comprising 11.9 acres (collectively, the "***Commercial Parcel***") will be acquired by Morningside Crossroads Retail, LLC, an Illinois limited liability company ("***Commercial Developer***") which proposes to develop the Commercial Parcel with a grocery anchored shopping center, consisting of six separate buildings ("***Retail Buildings A, B, C, D, E, and F,***" respectively) and associated site improvements ("***Commercial Project***"). Lot 2 of the proposed subdivision, comprising 3.88 acres ("***Residential Parcel***") will be acquired by Morningside Crossroads Residential, LLC, an Illinois limited liability company ("***Residential Developer***") which proposes to develop the Residential Parcel with a luxury apartment building ("***Residential Building***") and associated site improvements ("***Residential Project***").

I hereby certify this to be a true and exact copy of the original

6-19-14
Date

Village Clerk

VILLAGE OF NORTHBROOK CORPORATE SEAL ILL

BOX 334 CT

On January 14, 2014, the President and the Board of Trustees of the Village ("***Corporate Authorities***") adopted (i) Ordinance No. 2014-02, approving various amendments to the Northbrook Zoning Code (1988), as amended ("***Zoning Code***") that enables the Planned Development as a special permit use in the O-4 Boulevard Office District; (ii) Ordinance No. 2014-03, granting the Applicant special permits for a Mixed Use Planned Development with a Floor Area Ratio of up to 0.80 incorporating Retail and Trade Services and Multiple Family Dwellings; and (iii) Resolution No. 2014-R-05 approving a development concept plan and tentative plat of subdivision for the Subject Property and providing conceptual approvals of certain special permit uses, variations, and waivers.

The Applicant has requested, (i) approval of a final plan for the Planned Development on the Subject Property pursuant to Section 11-603 of the Zoning Code; (ii) approval of certain yard and setback variations pursuant to Section 11-503 of the Zoning Code; and (iii) approval of waivers from the Village's parking area surface slope requirements and the Village's foundation landscaping requirement ("***Requested Relief***").

On May 13, 2014, the Corporate Authorities adopted Resolution No. 2014-R-63 approving redevelopment agreements for the Commercial Parcel and the Residential Parcel ("***Redevelopment Agreements***"), obligating the Corporate Authorities to adopt this Ordinance. The Corporate Authorities also adopted Resolution No. 2014-R-64 approving a final plat of subdivision for the Subject Property.

The Corporate Authorities have determined that the applicable standards and requirements for granting the Requested Relief have been satisfied, and that approval of the Requested Relief should be granted, subject to and contingent upon the conditions, restrictions, and provisions set forth in this Ordinance.

SECTION 2. DESCRIPTION OF SUBJECT PROPERTY.

The Subject Property consists of approximately 15.7 acres and is legally described in ***Exhibit A*** attached to and, by this reference, made a part of this Ordinance.

SECTION 3. PUBLIC HEARING.

Pursuant to public notice published in the *Northbrook Star* on March 13, 2014 a public hearing was held by the Plan Commission on April 1, 2014, to consider the Applicant's request for (i) final plan approval of the Planned Development; (ii) final subdivision plat approval; (iii) a text amendment to allow additional free standing signs by special permit in the O-4 Office Boulevard District; (iv) a special permit for an accessory drive through for a dry cleaning facility; (v) special permits for signage on both the Commercial Parcel and the Residential Parcel; (vi) various yard and setback variations; (vii) waivers and exceptions to certain Zoning Code provisions; and (viii) a variation of the Subdivision Code requirements to reduce the amount of the required Park District impact fee by no more than 50%. The Developer subsequently withdrew its request for items (iii) and (viii). The Plan Commission made its recommendation to approve the Applicant's requested relief on April 1, 2014 (Plan Commission Resolution 14-PC-03).

SECTION 4. APPROVAL OF FINAL PLAN.

Subject to and contingent upon the conditions, restrictions, and provisions set forth in Section 7, the final plan for the Planned Development on the Subject Property consisting of the following documents, all of which are incorporated in ***Exhibit B***, attached hereto, and, by this reference, made a part of this Ordinance, (collectively, the "***Final Plan***"), is determined to be in substantial compliance with the Development Concept Plan approved by Resolution No. 2014-R-05, and shall be, and is hereby, approved in accordance with and pursuant to Section 11-603 of the Zoning Code:

A. Development Summary Sheet, prepared by Camburas & Theodore, Ltd., consisting of one sheet, date stamped March 26, 2014;

B. Overall Site & Signage Plan, prepared by Terra Consulting Group, Ltd., consisting of Sheet C-3, with a latest revision date of April 30, 2014;

C. Engineering Plan Sheets, prepared by Terra Consulting Group, Ltd., consisting of the following sheets with a latest revision date of March 21, 2014:

1. Geometric Plan - Sheets C-4 & C-5;

2. Grading Plan - Sheets C-6 & C-7; and

3. Utility Plan - Sheets C-8 & C-9.

D. Photometric Plan, prepared by WLS Lighting Systems, consisting of one sheet, with a latest revision date of March 19, 2014, and

E. Retaining Wall Plan Sheets, prepared by Terra Consulting Group, Ltd., consisting of Sheets S-1 and S-2, with a latest revision date of March 19, 2014.

F. Landscaping and Other Hardscape Elements:

1. Landscape Plan, prepared by HKM Architects & Planners, Inc., consisting of Sheets L100 & L101, with a latest revision date of March 20, 2014;

2. Pedestrian Amenities, prepared by Camburas & Theodore, Ltd., consisting of Sheets PED-1, PED-2, L-2, date stamped March 26, 2014;

3. Gateway Feature, prepared by HKM Architects & Planners, Inc., consisting of Sheet L102, and Perspective Drawing Sheets View A and View B, with a latest revision date of March 20, 2014; and

4. Mariano's Trellis, prepared by Camburas & Theodore, Ltd., date stamped March 26, 2014, and consisting of Sheet TR-1.

G. Retail Buildings Elevation Sheets, prepared by Camburas & Theodore, Ltd., consisting of the following sheets date stamped March 26, 2014:

1. Retail Building A - Sheet A-2;

2. Retail Building B - Sheet A-2;

3. Retail Building C (Mariano's) - Sheet A-2.0; and

4. Retail Building D - Sheet A-2.

H. Residential Building Elevation Sheets, prepared by HKM Architects & Planners Inc., consisting of Sheets A200 and A201 with a latest revision date of March 20, 2014.

All revisions to any of the plans listed in this Section 4 that are reviewed, accepted, and approved by either the Village Engineer or the Village's Director of Development and Planning Services subsequent to the date of adoption of this Ordinance shall be incorporated into, and made a part of this Ordinance and the Final Plan with no further action required by the Corporate Authorities.

SECTION 5. YARD AND SETBACK VARIATIONS.

Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 7 of this Ordinance, the Subject Property shall be, and is hereby granted the following variations, all in accordance with and pursuant to Section 11-503 of the Zoning Code and the home rule powers of the Village of Northbrook.

A. to reduce the required front yard along Dundee Road from 50.00 feet to 2.50 feet to accommodate the proposed parking area;

B. to reduce the required front setback along Dundee Road from 80.00 feet to 62.50 feet to accommodate Retail Building A;

C. to reduce the required corner side yard along Skokie Boulevard from 50.00 feet to no less than 3.50 feet to accommodate the proposed parking area;

D. to reduce the required interior side yard along the west property line from 15.00 feet to 0 feet to accommodate the existing parking easement in the northwest corner and to reduce the required interior side yard from 15.00 to 0 feet elsewhere to accommodate the proposed parking area;

E. to reduce the required interior side setback along the west property line from 50.00 feet to 30.00 feet to accommodate Retail Building C and from 50 feet to 30.00 feet to accommodate the Residential Building;

F. to reduce the required rear yard along the north property line from 5 feet to 0 feet to accommodate the existing parking easement in the northwest corner;

G. to reduce the required sign setback along Dundee Road from 15 feet to 5 feet to accommodate a multi-tenant commercial ground sign located to the east of the Dundee Road access drive; and

H. to reduce the required sign setback along Skokie Boulevard from 15 feet to 7.00 feet to accommodate a multi-tenant commercial ground sign located to east of the proposed Dundee Road access drive.

SECTION 6. WAIVERS.

Subject to, and contingent upon the conditions, restrictions, and provisions set forth in Section 7 of this Ordinance, the following waivers shall be, and are hereby, granted to Subject Property:

A. A waiver to allow the slope of the surface of a portion of the parking area at the entrance driveway to the Planned Development Property to be no greater than six percent (6%) in accordance with Subparagraph 9-104C3(c) of the Northbrook Zoning Code.

B. A waiver to eliminate the foundation landscaping requirements for all structures within the Planned Development on the Subject Property, in accordance with Subparagraph 9-107B1(a) of the Northbrook Zoning Code.

SECTION 7. CONDITIONS OF APPROVALS.

The final plan approval granted in Section 4, the variations granted in Section 5, and the waivers granted in Section 6 of this Ordinance are contingent upon the development, use, and maintenance of the Subject Property being in substantial compliance with the following terms, conditions, and provisions:

A. Signage. The location of pylon signs shall be prohibited on the Subject Property. The respective owner of any lot on the Subject Property shall be required to submit for review and approval by the Architectural Control Commission the design for all future signs affixed to buildings that require a sign permit and that are not approved concurrently with this Ordinance.

B. Operation and Reciprocal Easement Agreement. The Applicant shall submit to the Village Manager and the Village Attorney the Operation and Reciprocal Easement Agreement ("***OREA***"), as defined in the Redevelopment Agreements, and shall ensure that the OREA is recorded against the Subject Property.

C. Gateway Feature. No later than 60 days after the execution of the Commercial Parcel Redevelopment Agreement, the Corporate Authorities may approve by resolution, an alternate plan for the Gateway Feature presented by, or acceptable to, the Commercial Developer incorporating a revised design for the feature. Such plan shall be incorporated into the Final Plan and shall replace the plan described in Section 4.E.3 above. In the event that the Corporate Authorities do not approve such a resolution within this 60 day period, the Commercial Developer will be allowed to construct the Gateway Feature in the manner depicted in Section 4.E.3

D. Rooftop Mechanical Equipment. All mechanical equipment located on the roof of any building on the Subject Property shall be fully screened by a parapet wall or other screening structure constructed of materials compatible with the principal building façade to the height of such equipment.

E. Safety Bollards. Safety bollards, in a manner and design approved by the Village's Director of Development and Planning Services, shall be installed on the Subject Property:

1. along all curbless areas where vehicles travel perpendicular to such curbless areas;

2. between parking spaces and commercial building storefronts where there is a potential for a motorist to drive into a storefront;

3. at the west end of the main Skokie Boulevard entrance along the walkway in front of Retail Building D and the northeast corner of Retail Building C; and

4. at the west end of the main Residential Building entrance along the drop-off/pick-up area for the Residential Building.

F. Retaining Walls. The color and design of the surface of the retaining walls along the north and west property lines of the Subject Property shall be reviewed and approved by the Village's Director of Development and Planning Services.

G. Emergency Access Connection. An emergency access drive in the northwest

corner of the Subject Property connecting to the property to the north is currently depicted on the Overall Site and Signage Plan for the Subject Property. If such access is provided, signage designating "For Emergency Access Only" must be provided and a barrier installed to prevent regular vehicle access, both of which must be approved by the Village's Fire Chief. The Applicant shall provide documentation, satisfactory to the Village Attorney, of an easement or access agreement requiring that this access be maintained between the properties. If the Applicant is unable to obtain such easement, the Applicant shall not be required to install the Emergency Access Connection.

H. Vehicular Access. Vehicular access may be provided to the Subject Property only at the following four access points, subject to the following conditions:

1. Northerly Skokie Boulevard Entrance/Exit: Only Left-in/Right-in/Right-out access shall be allowed;

2. Central Skokie Boulevard Entrance/Exit: Full access shall be allowed via signalized driveway constructed in alignment with the 633 Skokie Boulevard Driveway;

3. Southerly Skokie Boulevard Entrance/Exit: Only Right-in/Right-out access shall be allowed; and

4. Dundee Road Entrance/Exit: Only Right-in/Right-out/Left-in access shall be allowed.

I. Public Right of Way Improvements. The Commercial Developer shall, contingent upon approval by IDOT, construct the Developer Constructed Public Right of Way Improvements, as defined in, and in the manner described in the Commercial Parcel Redevelopment Agreement.

J. Retail Buildings E and F. The Commercial Developer, or other designated representatives, shall be required to submit applications for the following zoning relief for Retail Buildings E and F at such time as the Commercial Developer desires to proceed with their development as depicted in the preliminary concept plans submitted to the Village:

1. a special permit for an accessory drive-through to a banking facility;

2. a special permit for an accessory drive-through to a restaurant facility;

3. a special permit to allow a wall sign higher than 20 feet from grade (SIC No. 9966.00);

4. exceptions for the location and number of loading spaces; and

5. final plan approval of the building elevations and the accessory drive-through site plan elements for Retail Buildings E and F.

SECTION 8. FAILURE TO COMPLY WITH CONDITIONS.

Upon failure or refusal of the Applicant, the Commercial Developer, or the Residential Developer to comply with any or all of the conditions, restrictions or provisions of this Ordinance, the final plan approval granted in Section 4, the variations granted by Section 5, and the waivers granted in Section 6 of this Ordinance shall, at the sole discretion of the Board of Trustees, by ordinance duly adopted, be revoked and become null and void as to the particular parcel that is not in compliance;

provided, however, that the Board of Trustees may not so revoke the final plan approval, the variations, or the waivers unless it shall first provide the Applicant, the Commercial Developer, or the Residential Developer, as the case may be, with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Board of Trustees. In the event of revocation, the development and use of the portion of the Subject Property which is subject to such revocation shall be governed solely by the regulations of the O-4 Boulevard Office District and Village Ordinance No. 2014-03, as the same may, from time to time, be amended. Further, in the event of such revocation of the relief granted herein, the Village Manager and Village Attorney are hereby authorized and directed to bring such zoning enforcement action as may be appropriate under the circumstances against the applicable property owner. The Applicant, the Commercial Developer, and the Residential Developer acknowledge that public notices and hearings have been held with respect to the adoption of this Ordinance, have considered the possibility of the revocation provided for in this Section, and agree not to challenge any such revocation on the grounds of any procedural infirmity or any denial of any procedural right, provided that the notice to the Applicant, the Commercial Developer, and the Residential Developer required by this Section has been given.

SECTION 9. AMENDMENT TO APPROVALS.

Any amendment to any provision of this Ordinance that may be requested by the Applicant, the Commercial Developer, or the Residential Developer, as the case may be, after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Code for amendment of such relief.

SECTION 10. EFFECTIVE DATE.

A. This Ordinance shall be in full force and effect only upon the occurrence of all of the following events:

1. Passage by the Board of Trustees of the Village of Northbrook by a majority vote in the manner required by law; and

2. Publication in pamphlet form in the manner required by law;

3. the occurrence of the "Evidence of Title Date" as defined in the Redevelopment Agreements; and

4. recordation of this Ordinance, together with such exhibits as the Village Clerk shall deem appropriate for recordation, with the Cook County Recorder of Deeds. The Applicant shall bear the full cost of such recordation.

B. In the event that the Evidence of Title Date does not occur prior to October 31, 2014, or such later date as the Corporate Authorities may approve by resolution duly adopted, the Village shall have the right, without objection by the Applicant, the Commercial Developer, or the Residential Developer to revoke this Ordinance.

Adopted: 5/13/2014

RESULT:	**ADOPTED [UNANIMOUS]**
MOVER:	James Karagianis, Trustee
SECONDER:	Michael Scolaro, Trustee
AYES:	Karagianis, Buehler, Scolaro, Heller, Ciesla, Israel, Frum

ATTEST:

/s/ Sandra E. Frum
Village President

/s/ Debra J. Ford
Village Clerk

EXHIBIT A

LEGAL DESCRIPTION FOR THE SUBJECT PROPERTY

A TRACT OF LAND COMPRISED OF LOTS 3, 4 AND 5 IN "LANE PARK SUBDIVISION" IN THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, TOGETHER WITH A PART OF SAID SOUTHEAST QUARTER OF SAID SECTION 2 LYING SOUTH OF THE SOUTH LINE OF SAID LOT 4, WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD, AS NOW DEDICATED, AND NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD, AS NOW DEDICATED, SAID TRACT OF LAND BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF A LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2, WITH A LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 5 AFORESAID; AND RUNNING THENCE NORTH 26 DEGREES 33 MINUTES 47 SECONDS WEST (ASSUMED) ALONG SAID LINE WHICH IS 185.00 FEET NORTHEASTERLY FROM AND PARALLEL WITH THE CENTERLINE OF THE RIGHT OF WAY CHICAGO AND NORTHWESTERN RAILWAY COMPANY, SAID LINE BEING ALONG THE WESTERLY LINE OF LOTS 3,4 AND 5 IN LANE PARK SUBDIVISION, AFORESAID, A DISTANCE OF 1420.35 FEET TO THE NORTHWEST CORNER OF SAID LOT 3; THENCE NORTH 89 DEGREES 56 MINUTES 29 SECONDS EAST ALONG THE NORTH LINE OF SAID LOT 3, A DISTANCE OF 548.86 FEET TO THE NORTHEAST CORNER OF SAID LOT 3; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOTS 3 AND 4, SAID EASTERLY LINE BEING 50.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 706.39 FEET TO AN ANGLE POINT IN SAID EASTERLY LINE OF LOT 4; THENCE SOUTH 21 DEGREES 49 MINUTES 59 SECONDS EAST ALONG SAID EASTERLY LINE OF LOT 4, A DISTANCE OF 121.27 FEET TO AN ANGLE POINT IN SAID LOT 4; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 4, SAID EASTERLY LINE BEING 60.00 FEET WESTERLY FROM AND PARALLEL WITH THE CENTERLINE OF SKOKIE BOULEVARD, A DISTANCE OF 349.12 FEET TO THE SOUTHEAST CORNER OF SAID LOT 4; THENCE CONTINUING SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG LAST DESCRIBED PARALLEL LINE, BEING THE WESTERLY LINE OF SKOKIE BOULEVARD AS DEDICATED BY PLAT RECORDED DECEMBER 31, 1935 AS DOCUMENT NO. 11735510, A DISTANCE OF 184.57 FEET TO A POINT OF CURVE IN SAID WESTERLY LINE; THENCE SOUTHWESTWARDLY ALONG THE ARC OF A CIRCLE CONVEX TO THE SOUTHEAST, TANGENT TO THE LAST DESCRIBED PARALLEL LINE AND HAVING A RADIUS OF 25.00 FEET, A DISTANCE OF 50.03 FEET, TO A POINT OF TANGENT WITH THE NORTHERLY LINE OF DUNDEE ROAD AS DEDICATED BY THE AFORESAID DOCUMENT NO. 11735510; THENCE SOUTH 88 DEGREES 05 MINUTES 13 SECONDS WEST ALONG SAID NORTHERLY LINE OF DUNDEE ROAD, A DISTANCE OF 208.51 FEET, TO AN INTERSECTION WITH A LINE WHICH EXTENDS NORTHWARD FROM A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2, DISTANT 157.58 FEET EAST OF THE INTERSECTION OF SAID SOUTH LINE WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTERLINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY; THENCE NORTH 00 DEGREES 01 MINUTES 39 SECONDS EAST ALONG THE LAST DESCRIBED LINE (WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39

SECONDS WITH THE SOUTH LINE OF SAID SOUTHEAST QUARTER), A DISTANCE OF 208.21 FEET TO AN INTERSECTION WITH THE SOUTH LINE OF LOT 4 AFORESAID; THENCE WEST ALONG SAID SOUTH LINE OF LOT 4, A DISTANCE OF 334.57 FEET TO THE NORTHEAST CORNER OF SAID LOT 5; THENCE SOUTH 26 DEGREES 33 MINUTES 47 SECONDS EAST ALONG THE EASTERLY LINE OF SAID LOT 5, A DISTANCE OF 239.60 FEET TO THE SOUTHEAST CORNER OF SAID LOT 5, SAID SOUTHEAST CORNER BEING A POINT ON THE AFORESAID LINE WHICH IS 50.00 FEET NORTH FROM AND PARALLEL WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 2; THENCE WEST ALONG SAID PARALLEL LINE, BEING THE SOUTH LINE OF SAID LOT 5, A DISTANCE OF 55.90 FEET TO THE POINT OF BEGINNING IN COOK COUNTY, ILLINOIS.

ALSO INCLUDING:

PARCEL 1:

THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES EASTERLY OF A LINE DRAWN THROUGH SAID 8 ACRES PARALLEL TO AND 235.00 FEET EASTERLY OF AND MEASURED AT RIGHT ANGLE TO THE CENTER LINE OF THE RIGHT OF WAY OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, AND WHICH LIES WESTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 2 AT A DISTANCE OF 77.58 FEET EAST OF A POINT OF ITS INTERSECTION WITH A LINE 275.00 FEET NORTHEASTERLY OF (MEASURED PERPENDICULARLY THERETO) THE SAID CENTER LINE OF THE RIGHT OF WAY; THENCE NORTH TO THE NORTH LINE OF SAID SOUTH 8 ACRES ALONG A LINE WHICH FORMS A NORTHWEST ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 2, AFORESAID, EXCEPTING FROM SAID DESCRIBED PROPERTY THAT PART THEREOF DEDICATED OR USED FOR DUNDEE ROAD, ALL IN COOK COUNTY, ILLINOIS.

PARCEL 2:

THE WESTERLY 80 FEET OF THAT PART OF THE SOUTH 8 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, WHICH LIES WESTERLY OF THE WESTERLY LINE OF SKOKIE ROAD AS NOW DEDICATED, NORTH OF THE NORTHERLY LINE OF DUNDEE ROAD AS NOW DEDICATED, AND EASTERLY OF A LINE DESCRIBED AS COMMENCING AT A POINT ON THE SOUTH LINE OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 DISTANT EASTERLY THEREON 77.58 FEET FROM A POINT OF INTERSECTION OF SAID SOUTH LINE WITH A LINE PARALLEL WITH, AND DISTANT NORTHEASTERLY 275 FEET MEASURED AT RIGHT ANGLES TO, THE CENTER LINE OF THE CHICAGO AND NORTHWESTERN RAILWAY COMPANY, RUNNING THENCE NORTHERLY TO THE NORTH LINE OF SAID 8 ACRES ALONG A LINE WHICH FORMS AN ANGLE OF 90 DEGREES 01 MINUTES 39 SECONDS WHEN MEASURED CLOCKWISE FROM AFORESAID SOUTH LINE OF THE SOUTHEAST QUARTER OF SOUTHEAST QUARTER OF SECTION 2, ALL IN COOK COUNTY, ILLINOIS.

PINs: 04-02-402-031, -032, -033; 04-02-422-009; 04-02-422-001, -006, -008

Commonly known as: 770 Skokie Boulevard, Northbrook, Illinois 60062

EXHIBIT B

FINAL PLANS

The Final Plan for the Subject Property shall consist of the following plans and specifications which are attached hereto and by this reference made a part of this Ordinance.* In the event of any conflict or inconsistency among the plans and specifications, the later dated plan or specification shall control.

A. Development Summary Sheet, prepared by Camburas & Theodore, Ltd., consisting of one sheet, date stamped March 26, 2014;

B. Overall Site & Signage Plan, prepared by Terra Consulting Group, Ltd., consisting of Sheet C-3, with a latest revision date of April 30, 2014;

C. Engineering Plan Sheets, prepared by Terra Consulting Group, Ltd., consisting of the following sheets with a latest revision date of March 21, 2014:
   1. Geometric Plan - Sheets C-4 & C-5;
   2. Grading Plan - Sheets C-6 & C-7; and
   3. Utility Plan - Sheets C-8 & C-9.

D. Photometric Plan, prepared by WLS Lighting Systems, consisting of one sheet, with a latest revision date of March 19, 2014, and

E. Retaining Wall Plan Sheets, prepared by Terra Consulting Group, Ltd., consisting of Sheets S-1 and S-2, with a latest revision date of March 19, 2014.

F. Landscaping and Other Hardscape Elements:
   1. Landscape Plan, prepared by HKM Architects & Planners, Inc., consisting of Sheets L100 & L101, with a latest revision date of March 20, 2014;
   2. Pedestrian Amenities, prepared by Camburas & Theodore, Ltd., consisting of Sheets PED-1, PED-2, L-2, date stamped March 26, 2014; and
   3. Gateway Feature, prepared by HKM Architects & Planners, Inc., consisting of Sheet L102, and Perspective Drawing Sheets View A and View B, with a latest revision date of March 20, 2014.
   4. Mariano's Trellis, prepared by Camburas & Theodore, Ltd., date stamped March 26, 2014, and consisting of Sheet TR-1.

G. Retail Buildings Elevation Sheets, prepared by Camburas & Theodore, Ltd., consisting of the following sheets date stamped March 26, 2014:
   1. Retail Building A - Sheet A-2;
   2. Retail Building B - Sheet A-2;
   3. Retail Building C (Mariano's) - Sheet A-2.0; and
   4. Retail Building D - Sheet A-2.

H. Residential Building Elevation Sheets, prepared by HKM Architects & Planners Inc., consisting of Sheets A200 and A201 with a latest revision date of March 20, 2014.

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* Pursuant to Section 4 of this Ordinance, all revisions to any of the plans listed in this Exhibit B that are reviewed, accepted, and approved by either the Village Engineer or the Village's Director of Development and Planning Services subsequent to the date of adoption of this Ordinance shall be incorporated into, and made a part of this Ordinance and the Final Plan with no further action required by the Corporate Authorities.

EXHIBIT B - Final Plans

SITE AREA 697,513 SQ.FT. (15.78 ACRES)
OVERALL SITE AREA BEFORE DEDICATIONS

DUNDEE ROW = 7,956 SQ.FT.
SKOKIE BOULEVARD AT ENTRY ROW= 4,420 SQ.FT.
SKOKIE BOULEVARD AT MID SITE TAPER ROW =253 SQ.FT.

SITE AREA AFTER DEDICATIONS 674,884
SQ.FT. (15.49 ACRES)

COMMERCIAL DEVELOPMENT

SHOPPING CENTER PARKING CHART	
TOTAL COMMERCIAL BUILDING SQUARE FOOTAGE	101,895 SQ.FT.
1 SPACE PER 250 SQ.FT. (A)	408
AMOUNT OF RESTAURANT SPACE	15,140 SQ.FT.
10% OF FLOOR AREA RESTAURANT	10,144
AMOUNT OF RESTAURANT SPACE OVER 10%	4,996
1 SPACE PER 70 FOR THE AMOUNT OVER 10% (B)	72
TOTAL NUMBER OF COMMERCIAL PARKING SPACES REQUIRED (A+B)	480 SPACES
ACTUAL TOTAL PARKING : INCLUDED IN COUNT(14 ADA SPACES)	563 SPACES

ACTUAL BUILDING AREA

RETAIL A:	7,100 SQ.FT.
RETAIL B:	8,400 SQ.FT
RETAIL C:	71,320 SQ.FT.
RETAIL D:	6,975 SQ,FT.
RETAIL E:	4,000 SQ.FT.
PANERA	4,100 SQ.FT
TOTAL GLA:	101,895 SQ.FT.

RESIDENTIAL DEVELOPMENT

UNIT TYPE	NO. OF UNITS	AV. SQ.FT./UNIT	TOTAL SQ.FT./UNIT
1 BEDROOM	148	753 s.f.	111,444 s.f.
2 BEDROOM	199	1,127s.f.	224,273 s.f.
TOTAL	347		335,717 s.f.

RESIDENTIAL BUILDING FAR	TOTAL FLR. AREA		PARKING	GROSS FLOOR AREA
	598,284 s.f.		188,744 s.f.	409,540 s.f.

PARKING RESIDENTIAL

INTERNAL	595	BASEMENT, 1 ST. FLR.2 ND.FLR., INCLUDES: 12 ACCESSIBLE SPACES 90 TANDEM SPACES 68 INTERNAL GUEST PARKING SPACES
EXTERNAL	13	INCLUDES 1 ACCESSIBLE STALL
TOTAL PARKING	608	RESIDENTIAL PARKING SPACES
RATIO	1.75	
SIZE	9'X18' FOR INTERNAL STALLS ,DIMENSIONED TO CENTER OF STRUC. COL.	
TOTAL	608 SPACES (total site parking=1,171 spaces)	

PROPOSED FAR

RESIDENTIAL 409,540 SQ.FT.
RETAIL DEVELOPMENT 101,895 SQ.FT.
PROPOSED TOTAL FAR : 511,435 / 674,884 = .76

LOT COVERAGE

PERVIOUS: 2.95 AC
IMPERVIOUS: 12.83 AC

CROSSROADS Development Partners
MORNINGSIDE

DEVELOPMENT SUMMARY

NorthShore 770

770 SKOKIE BLVD. ROAD
NORTHBROOK ILLINOIS

3-1-14

CTI

Doc#: 1419845012 Fee: $162.00
RHSP Fee:$9.00 RPRF Fee: $1.00
Karen A.Yarbrough
Cook County Recorder of Deeds
Date: 07/17/2014 09:23 AM Pg: 1 of 69

RECEIVED
VILLAGE OF NORTHBROOK
MAR 26 2014
DEPARTMENT OF
DEVELOPMENT & PLANNING

EXHIBIT B - Final Plans

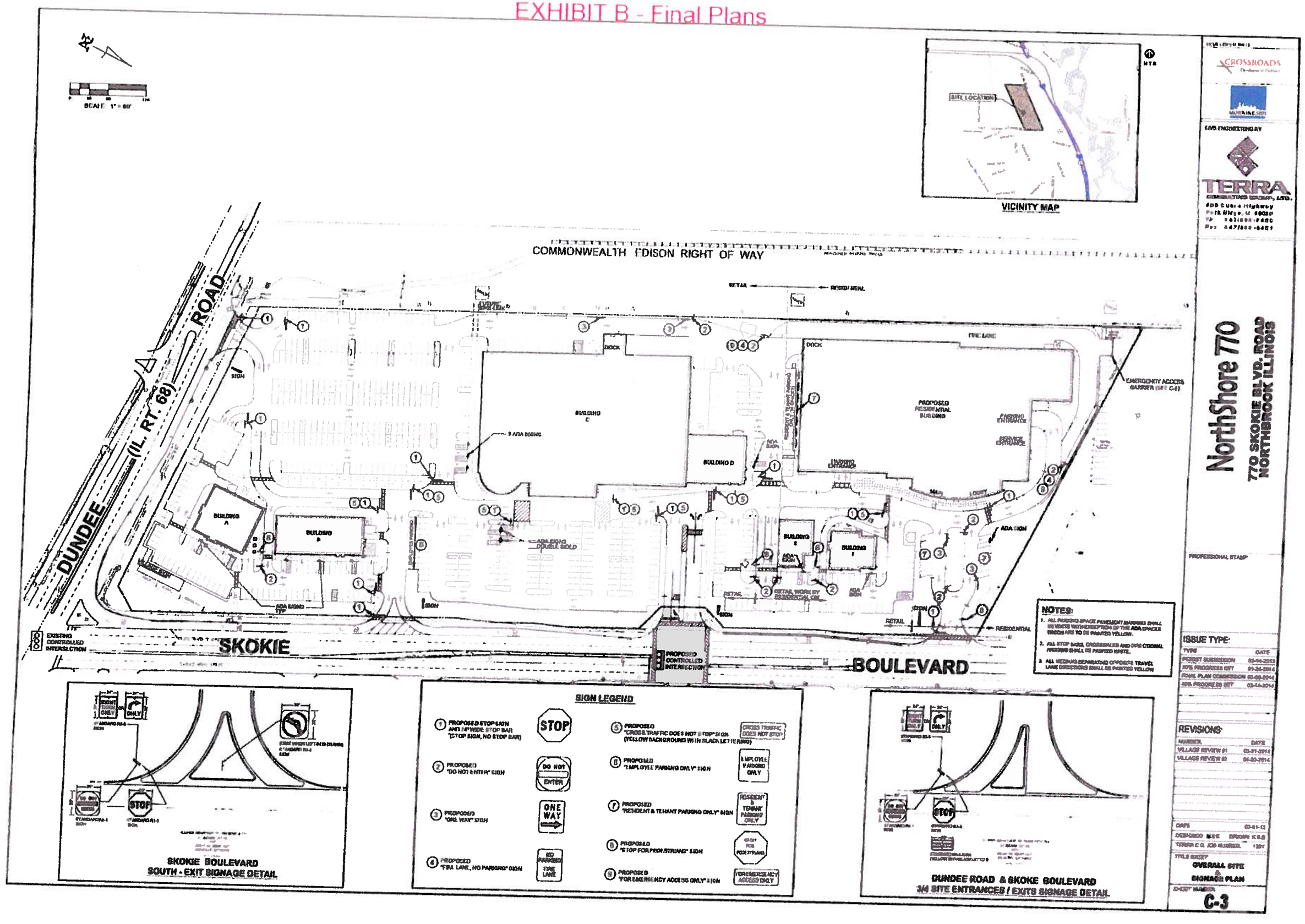


EXHIBIT B - Final Plans

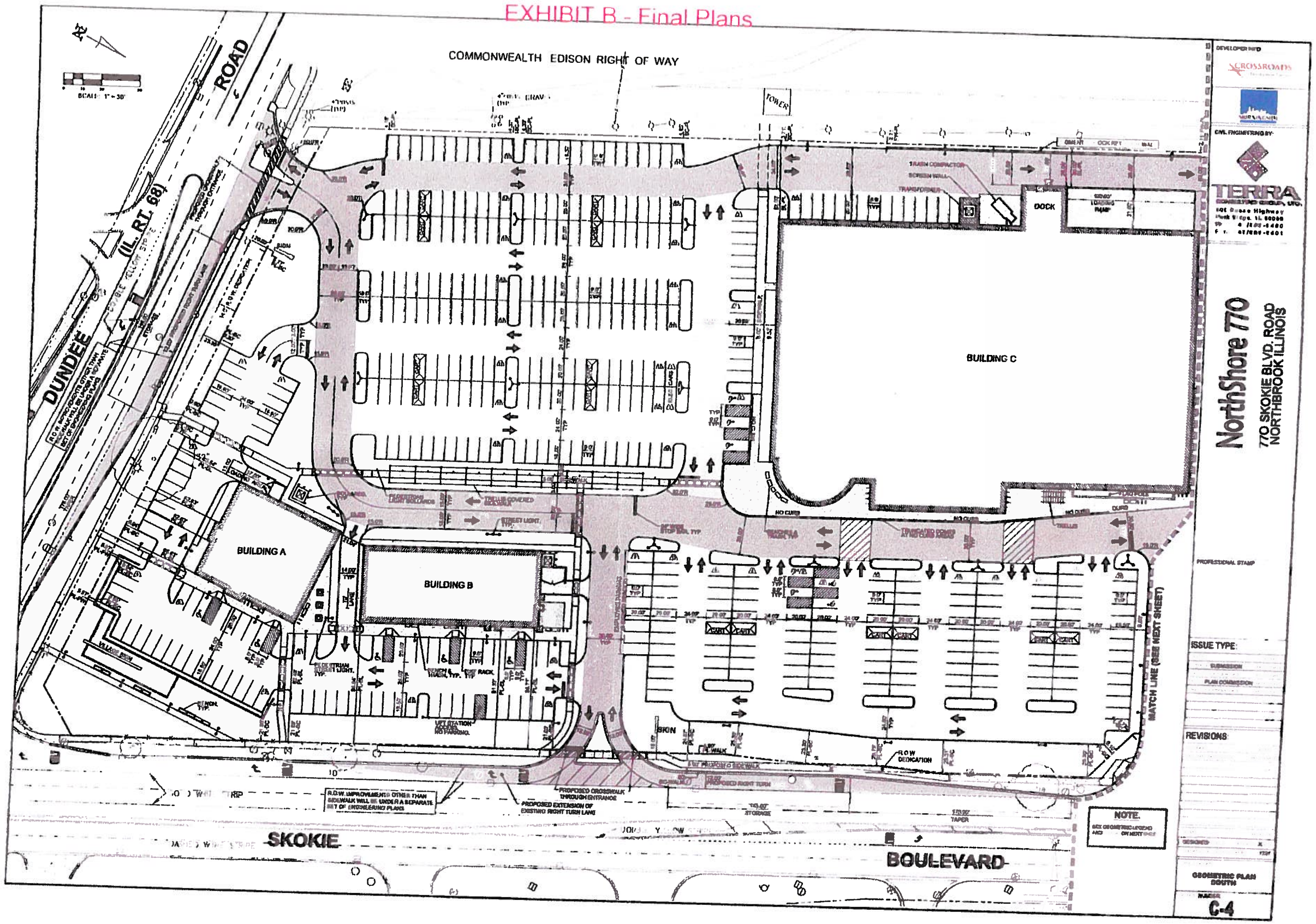
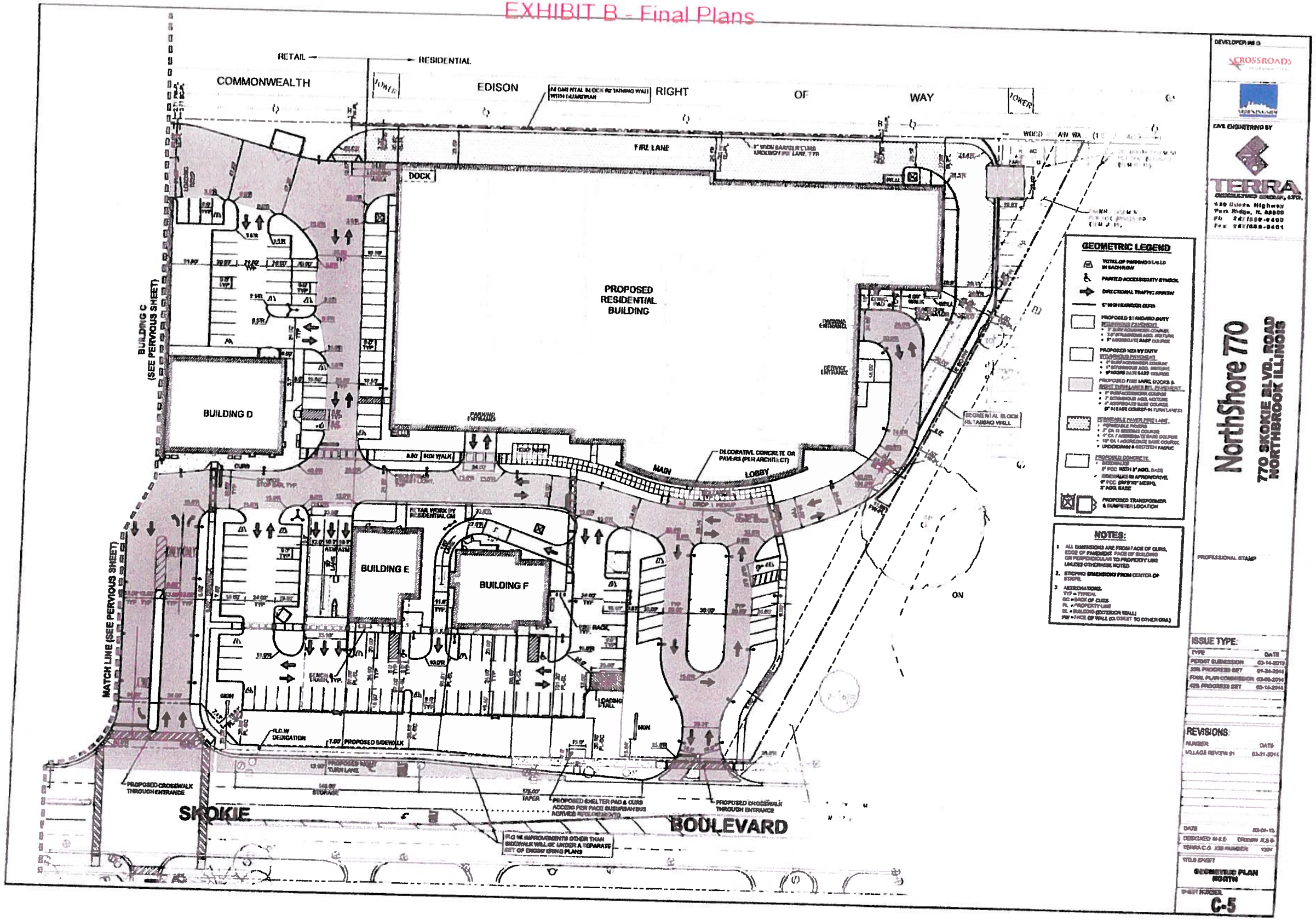


EXHIBIT B - Final Plans



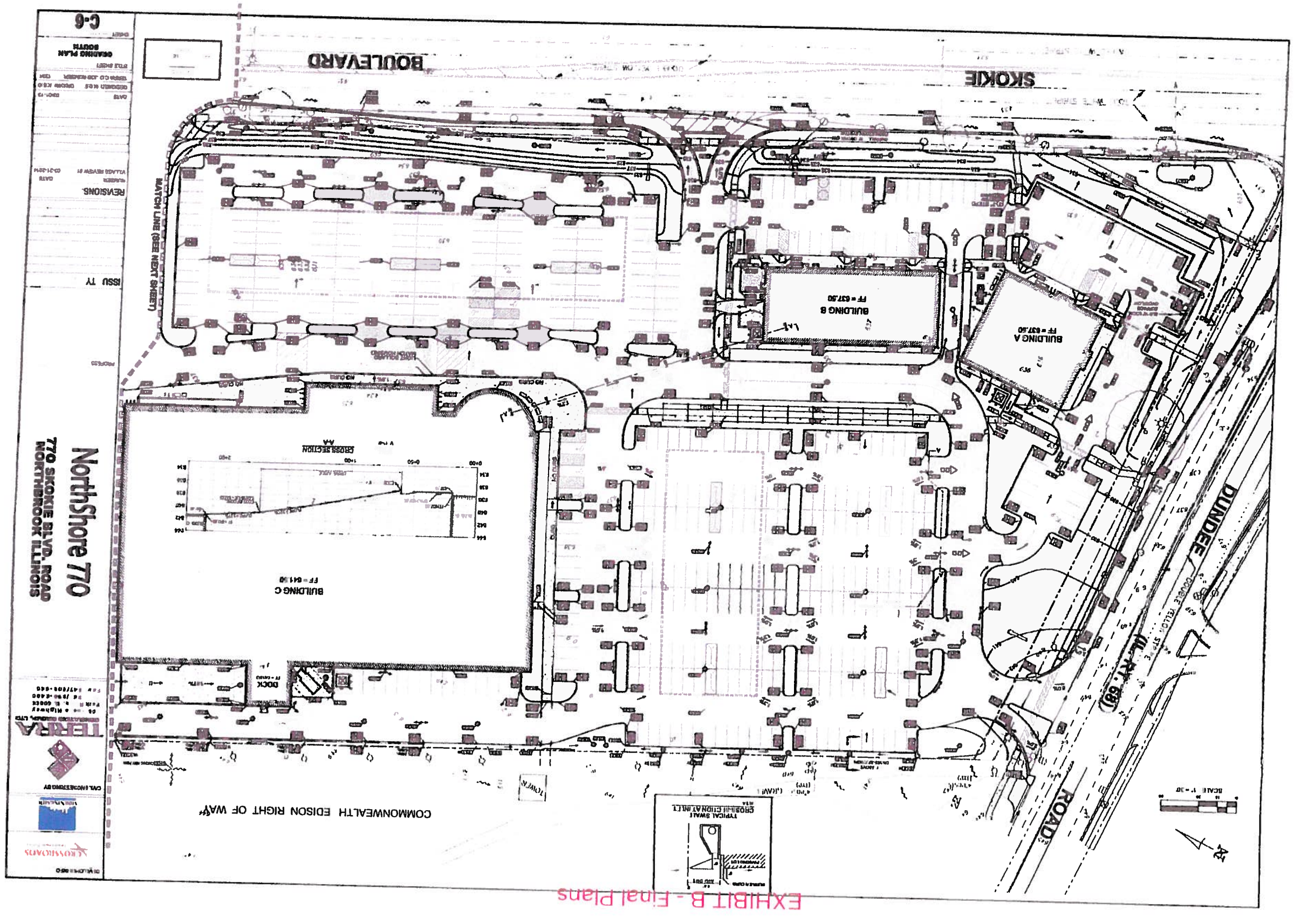
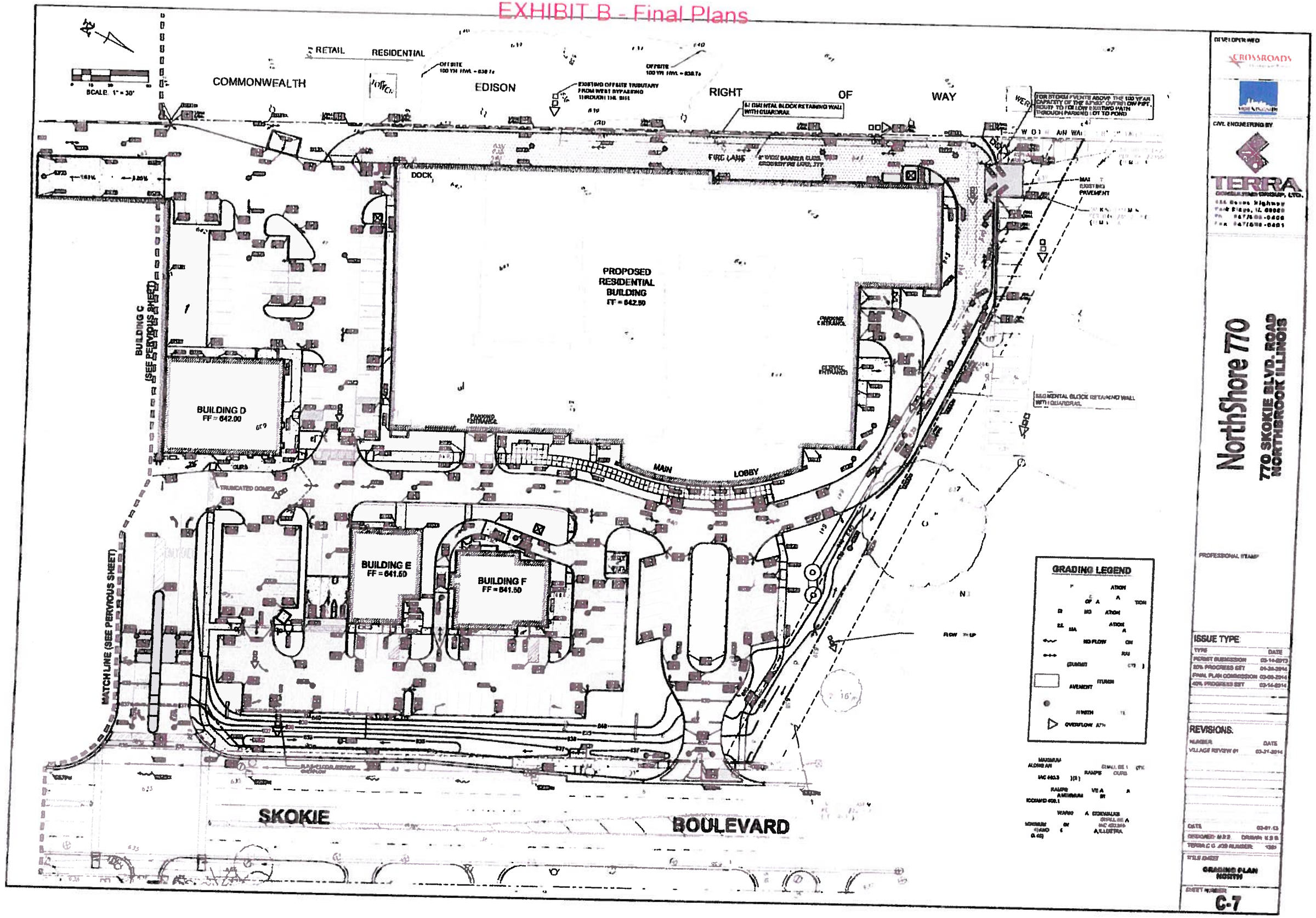


EXHIBIT B - Final Plans

EXHIBIT B - Final Plans



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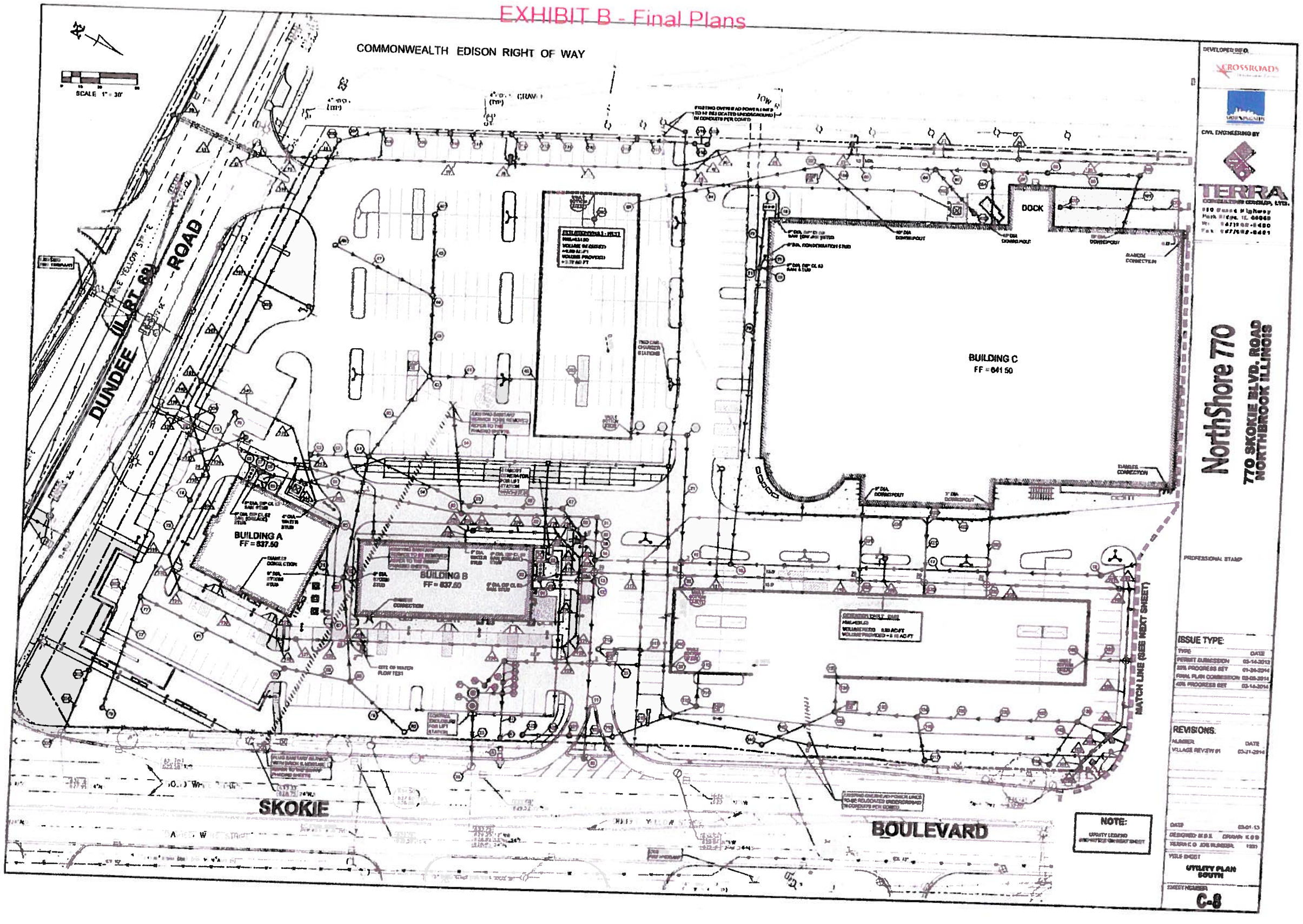


EXHIBIT B - Final Plans

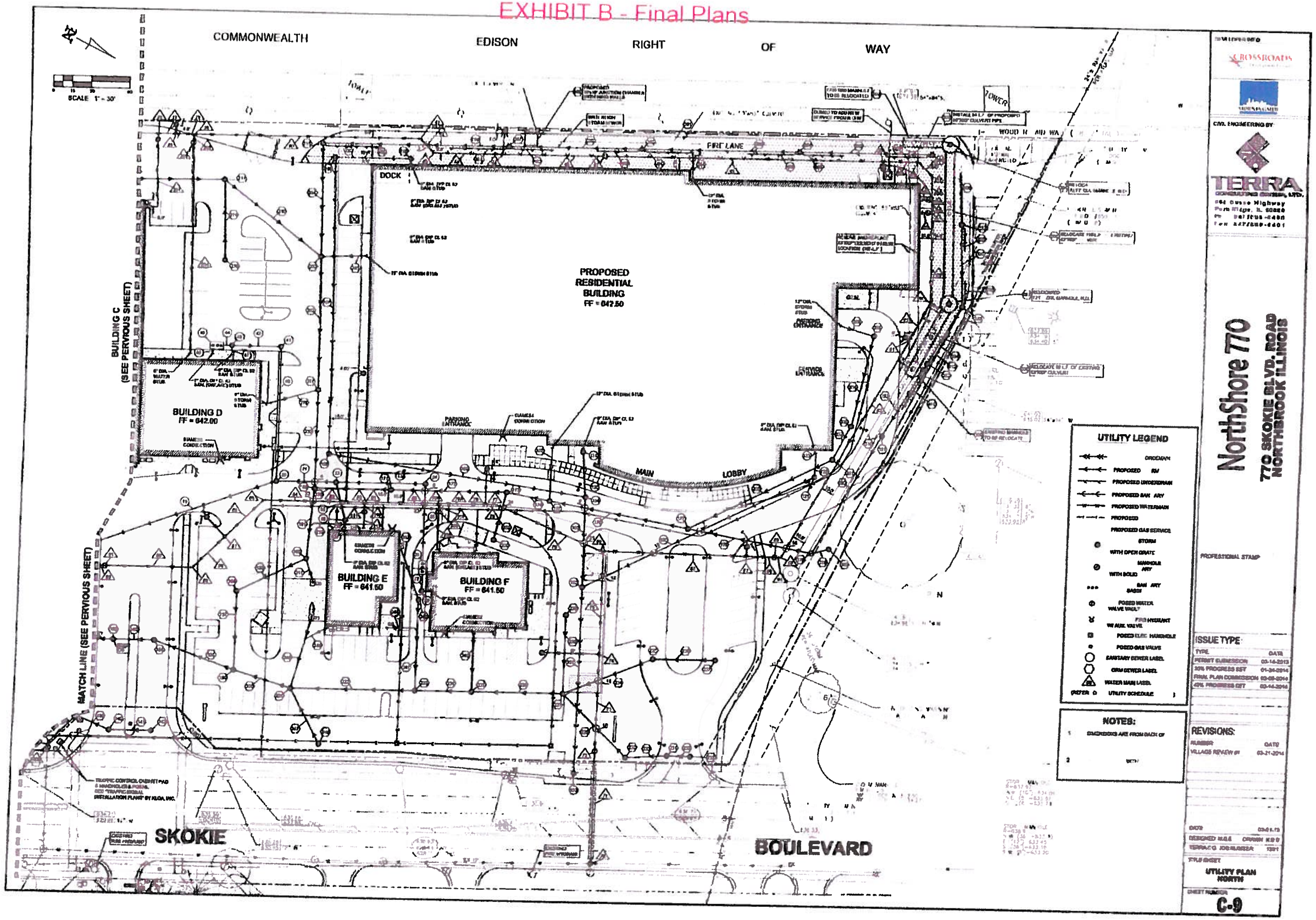
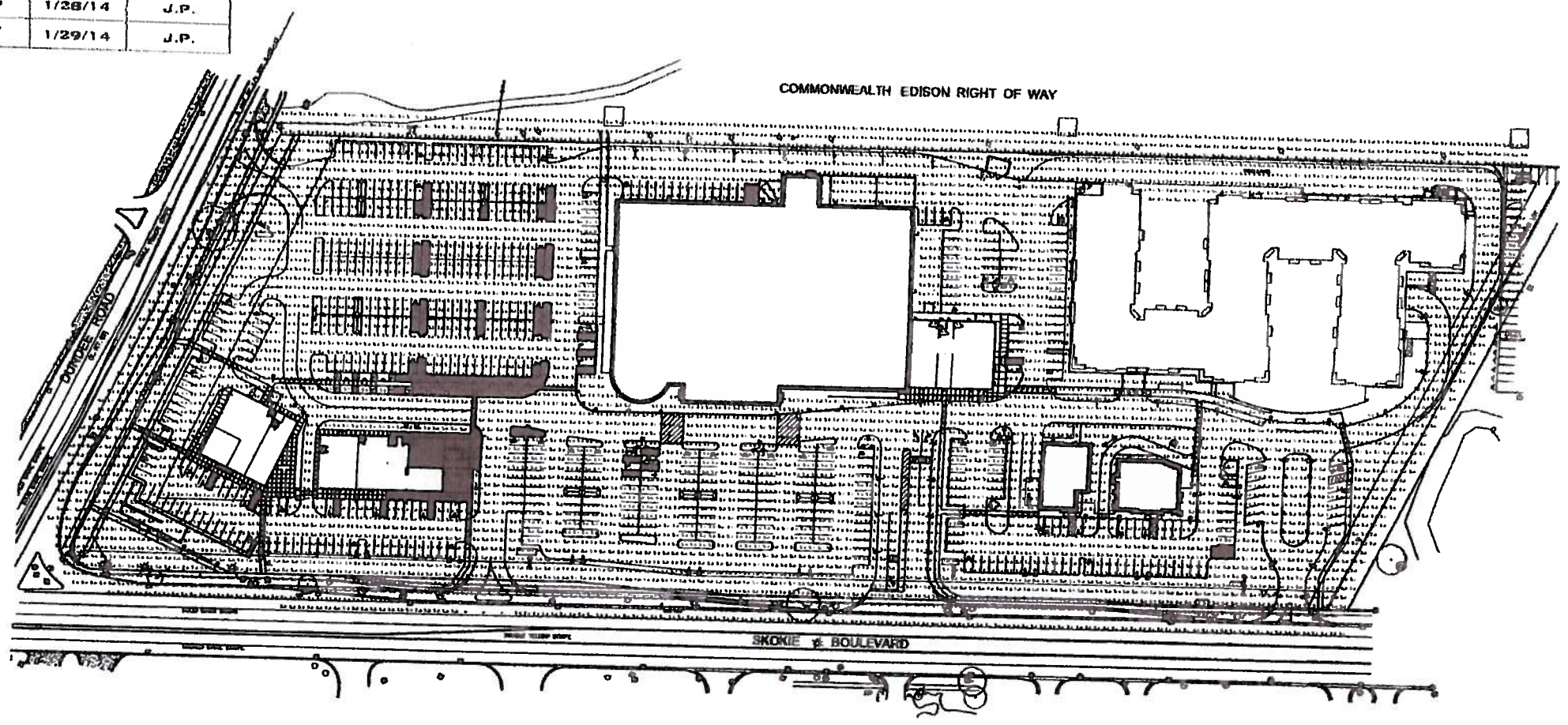


EXHIBIT B - Final Plans

REVISIONS		
Rev #	Date	By:
1	2/15/13	J.P.
2	3/7/13	J.P.
3	3/12/13	J.P.
4	5/21/13	J.P.
5	6/3/13	J.P.
6	1/28/14	J.P.
7	1/29/14	J.P.
8	2/3/14	J.P.
9	3/13/14	J.P.
10	3/18/14	J.P.
11	3/19/14	J.P.

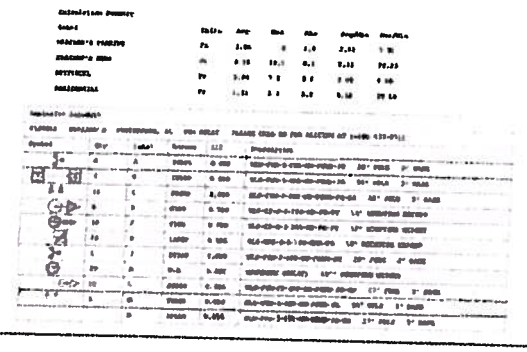


AS A RESULT OF THE COLOR OF THE LIGHT SOURCE (5000K, CRI-60+), THE "SEE-ABILITY" PRODUCED BY THIS LIGHTING SOLUTION WILL APPEAR AT LEAST 30% BRIGHTER THAN THIS PHOTOPIC MODEL SUGGESTS.

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufactured luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTE:
STREET LIGHTING NOT TO HAVE 3' HIGH CONCRETE BASE. POLES ON WALK TO GO TO THE GROUND.



1919 WINDSOR PLACE
FORT WORTH, TX 76110
WWW.WLSLIGHTING.COM

WLS LIGHTING SYSTEMS

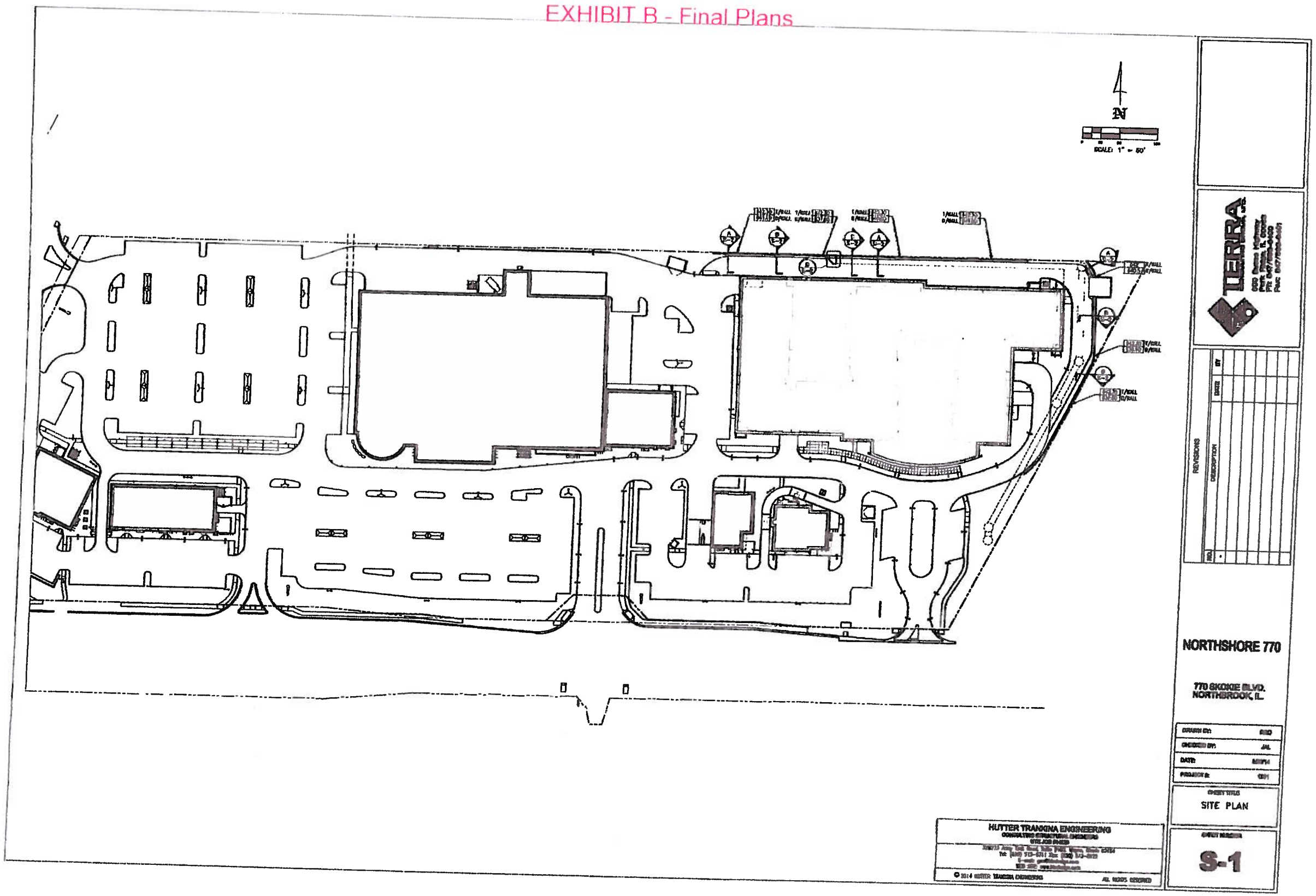
Consider the Impact!

800-633-8711

MARIANO'S
NORTHBROOK, IL

WL8-8901 | DATE - 1/28/13 | SCALE: 1"=60' | PM: HOLLY | BY: J.P. | SHEET 1 OF 4

EXHIBIT B - Final Plans



TERRA

REVISIONS
NO. DESCRIPTION DATE

NORTHSHORE 770

770 SKOKIE BLVD.
NORTHBROOK, IL

DRAWN BY: RSD
CHECKED BY: JAL
DATE: MM/YY
PROJECT #: 0000

SHEET TITLE
SITE PLAN

SHEET NUMBER
S-1

HUTTER TRANDINA ENGINEERING
CIVIL/STRUCTURAL ENGINEERS
SITE/LAND PLANNERS
[illegible]
TEL: (630) 513-0711 FAX: (630) 513-0713
E-mail: [illegible]
WEB SITE: www.htrandina.com

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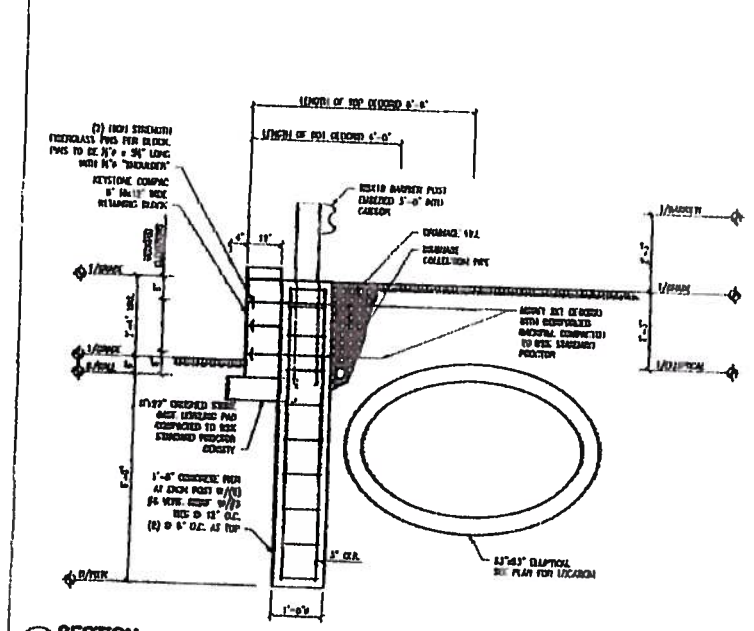
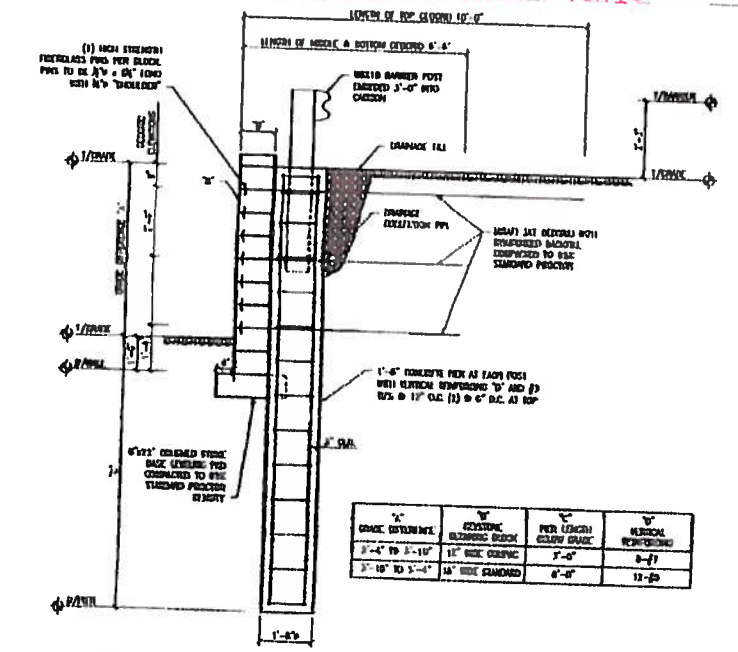
EXHIBIT B - Final Plans



A SECTION
SCALE: 1/2"=1'-0"



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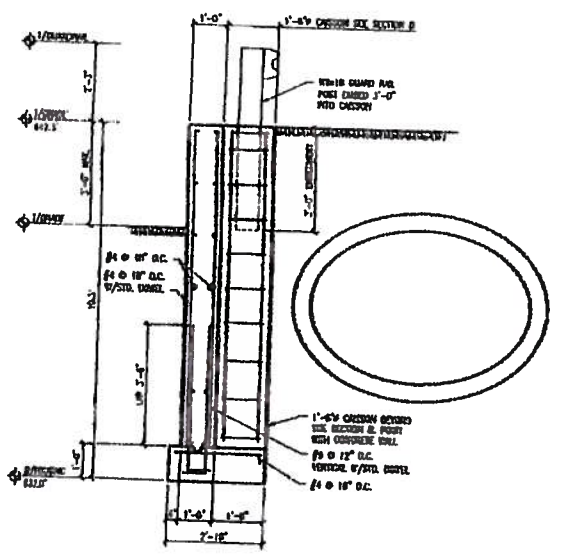

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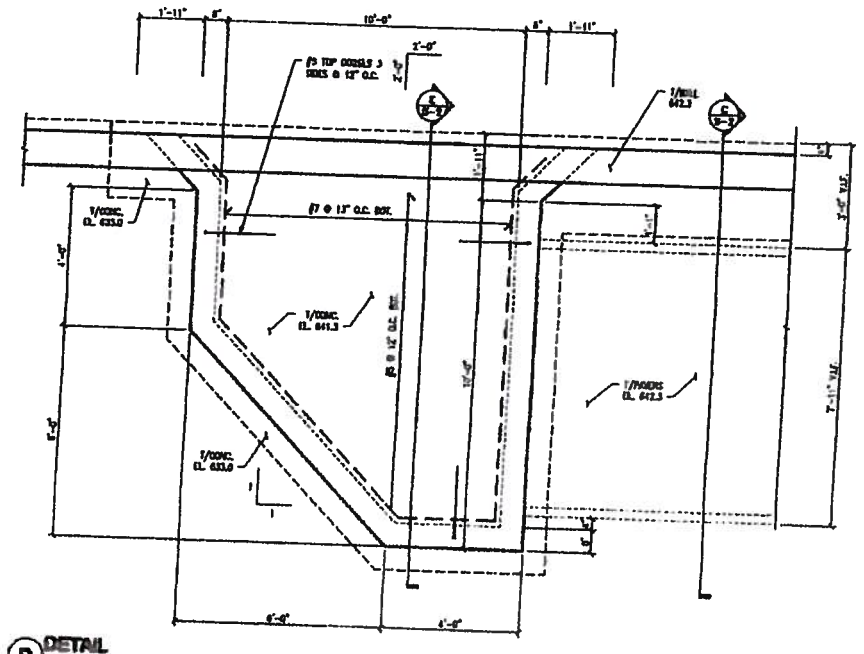
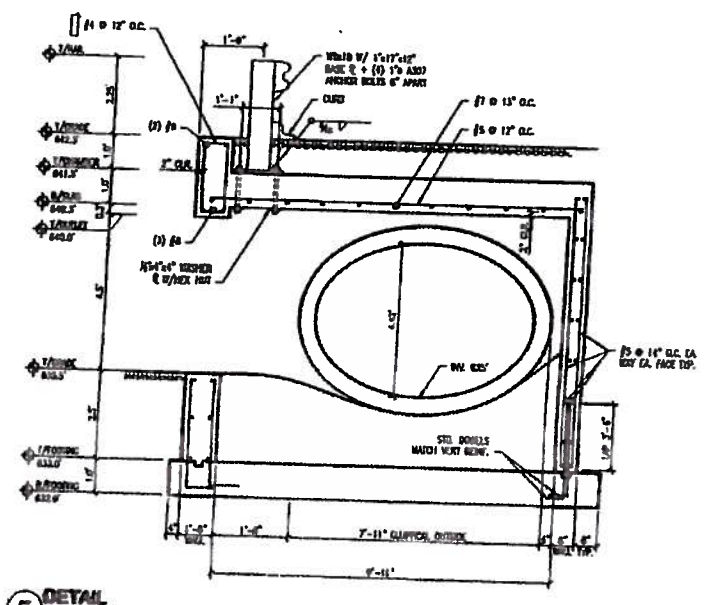


D DETAIL
SCALE: 1/2"=1'-0"



E DETAIL
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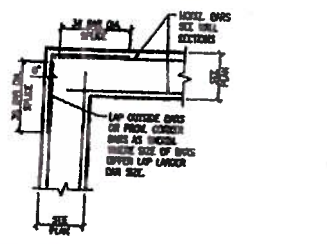
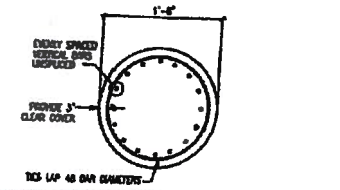


F CORNER BAR DETAIL
SCALE: 3/4"=1'-0"



G CAISSON SECTION

NUTTER TERRANOVA ENGINEERING
CONSULTING STRUCTURAL ENGINEERS

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TERRA
630 Dundee Highway
Suite 310
Northbrook, IL 60062
Ph: 847/205-0660
Fax: 847/205-0661

NORTHSHORE 770

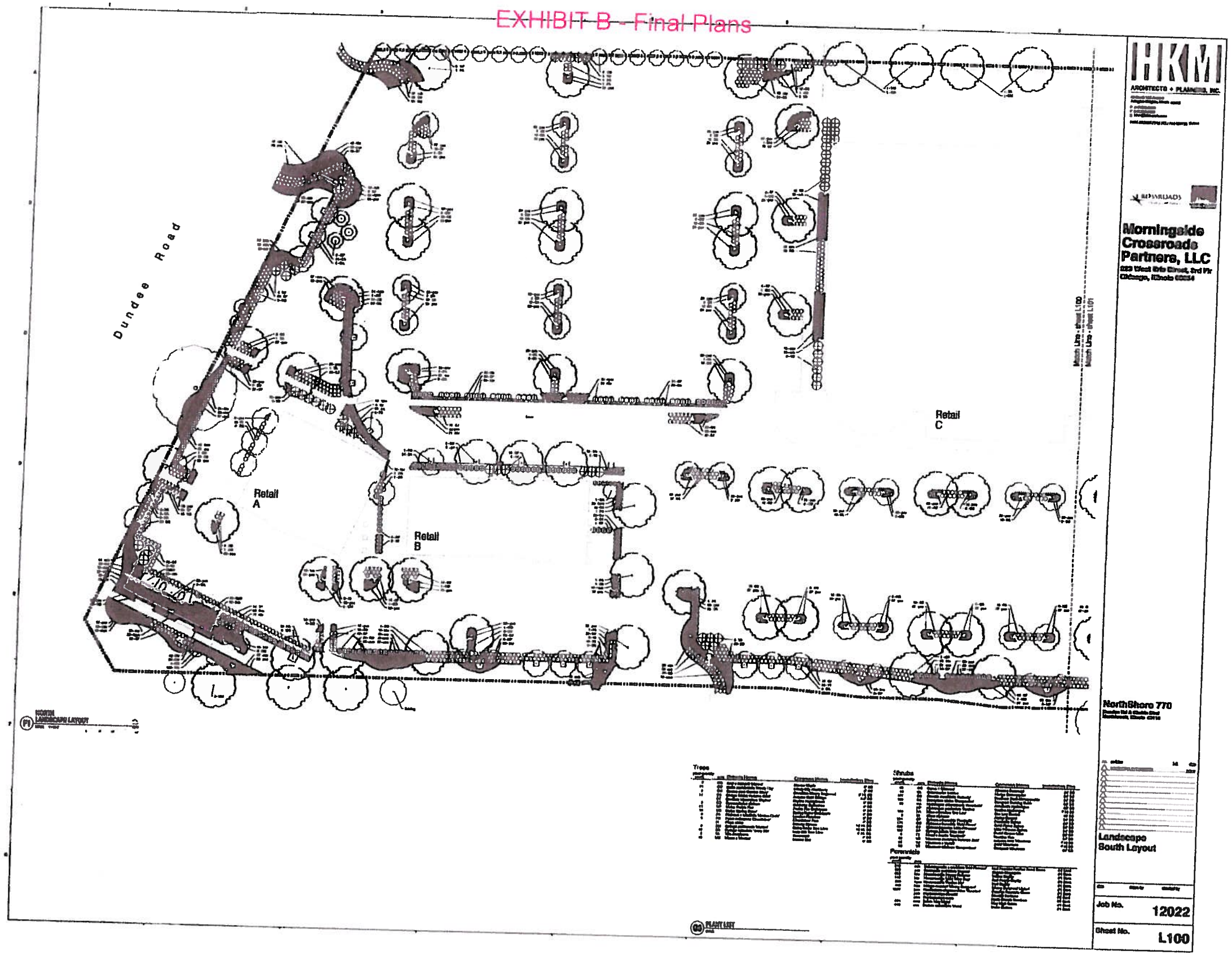
770 SKOKIE BLVD.
NORTHBROOK, IL.

DRAWN BY:	RRD
CHECKED BY:	JWL
DATE:	2/20/14
PROJECT #:	1331

SHEET TITLE
SECTIONS & DETAILS

SHEET NUMBER
S-2

EXHIBIT B - Final Plans



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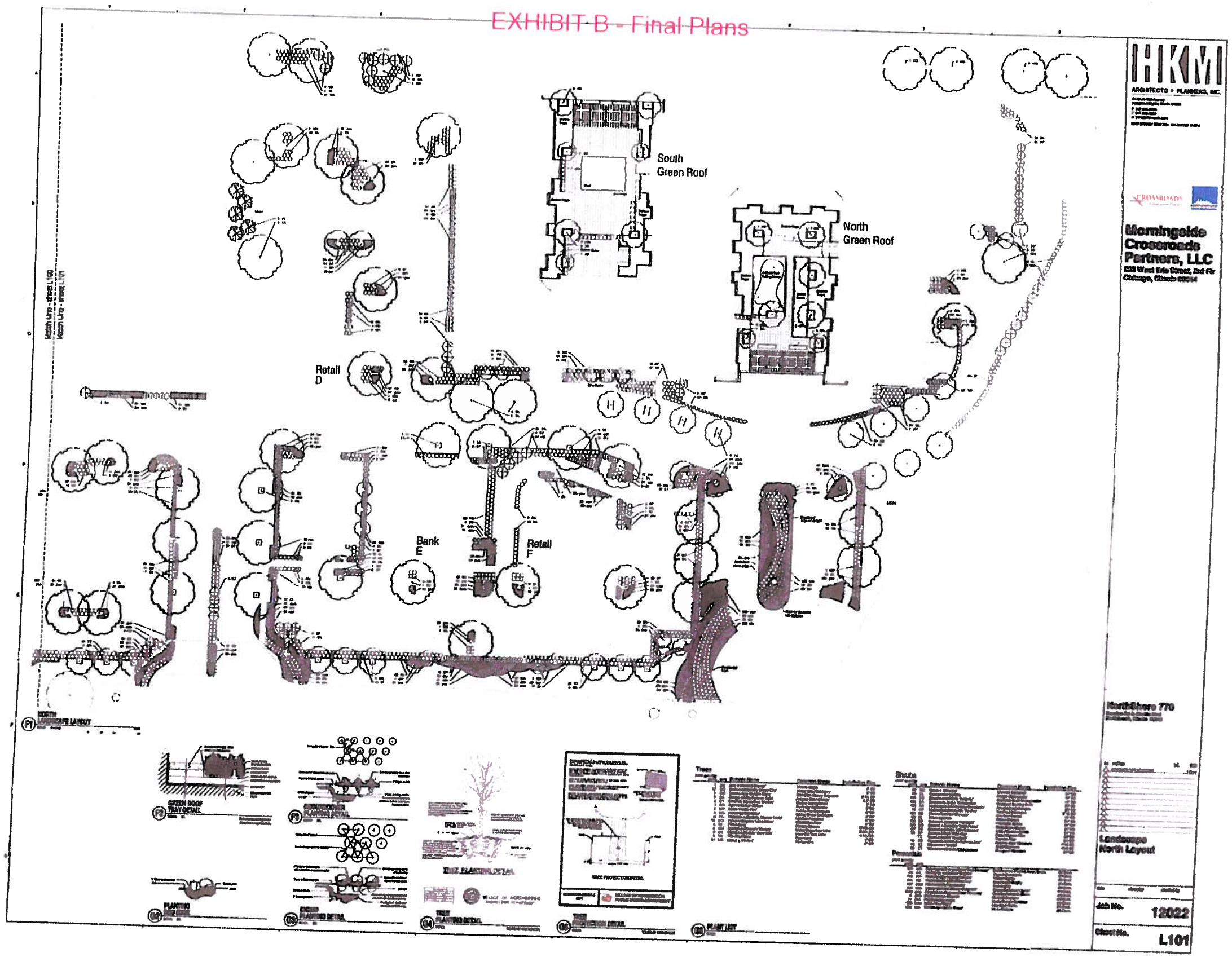
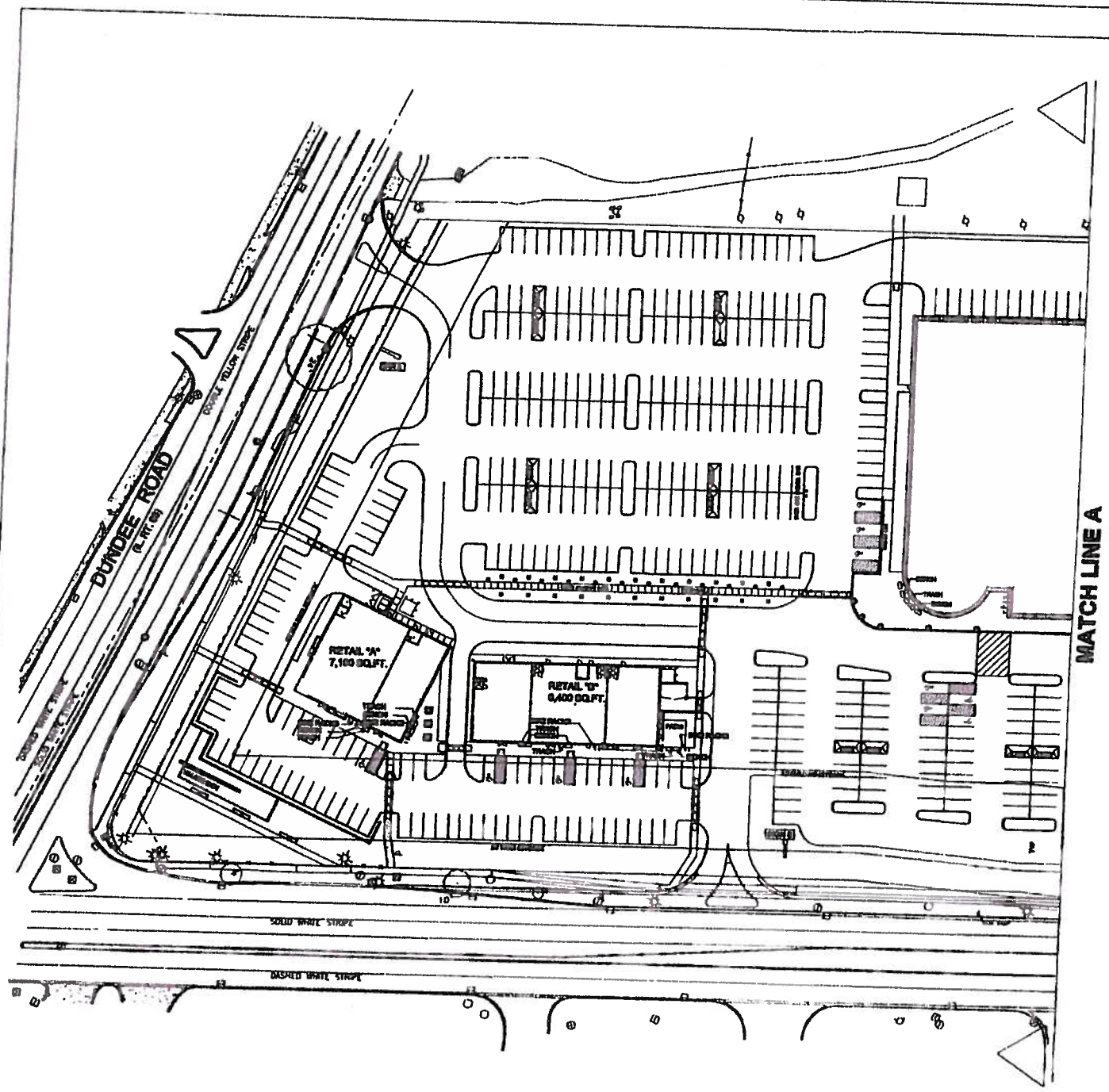


EXHIBIT B - Final Plans



FORMS AND SURFACES BENCH

FORMS AND SURFACES BIKE RACK

FORMS AND SURFACES TRASH RECEPTACLE

DEVELOPER INFO:

NorthShore 770

770 SKOKIE BLVD. ROAD
NORTHBROOK ILLINOIS

ISSUE TYPE:

REVISIONS:

PEDESTRIAN ARCHITECTED

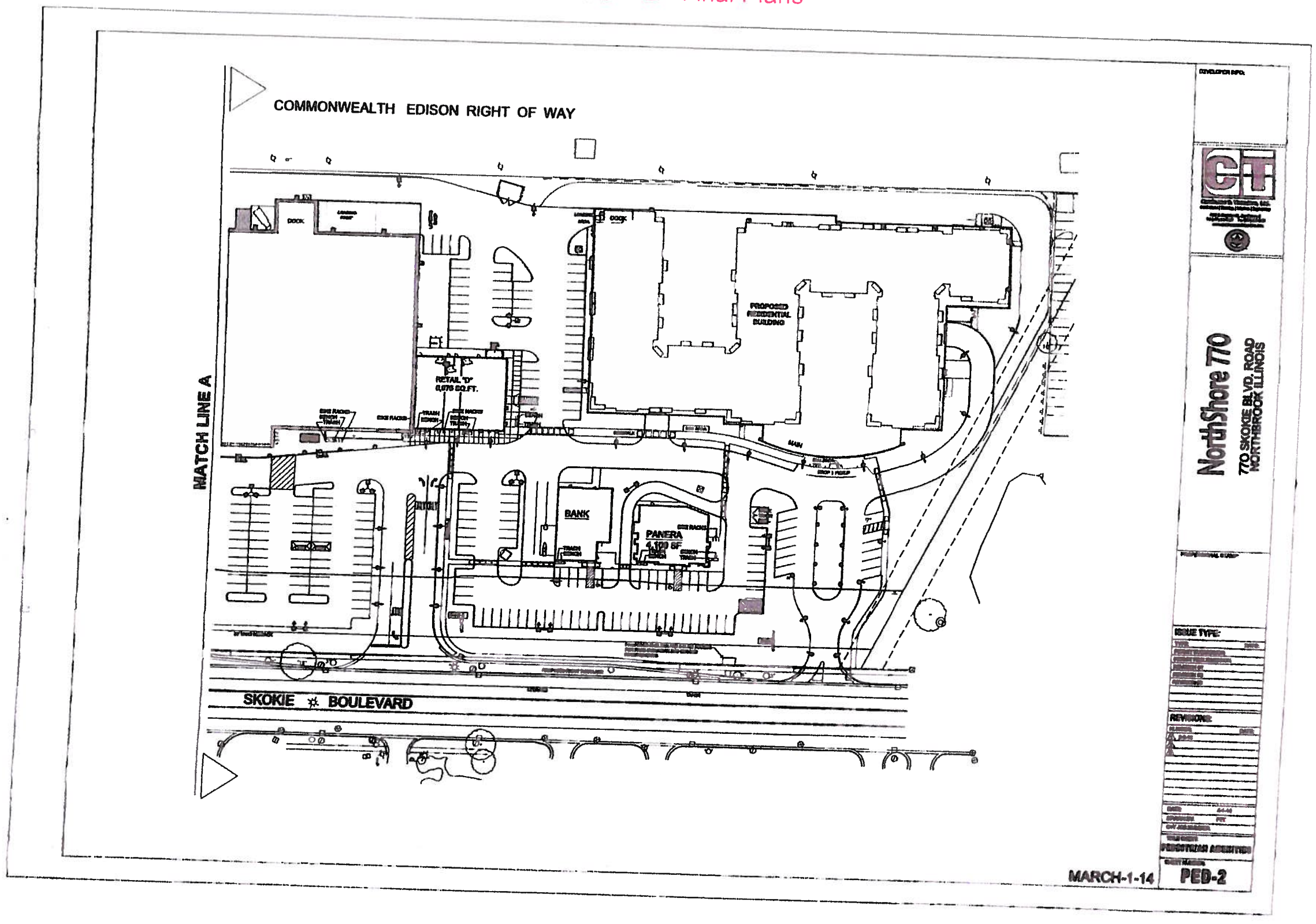
MARCH-1-14

PED-1

MAR 26 2014

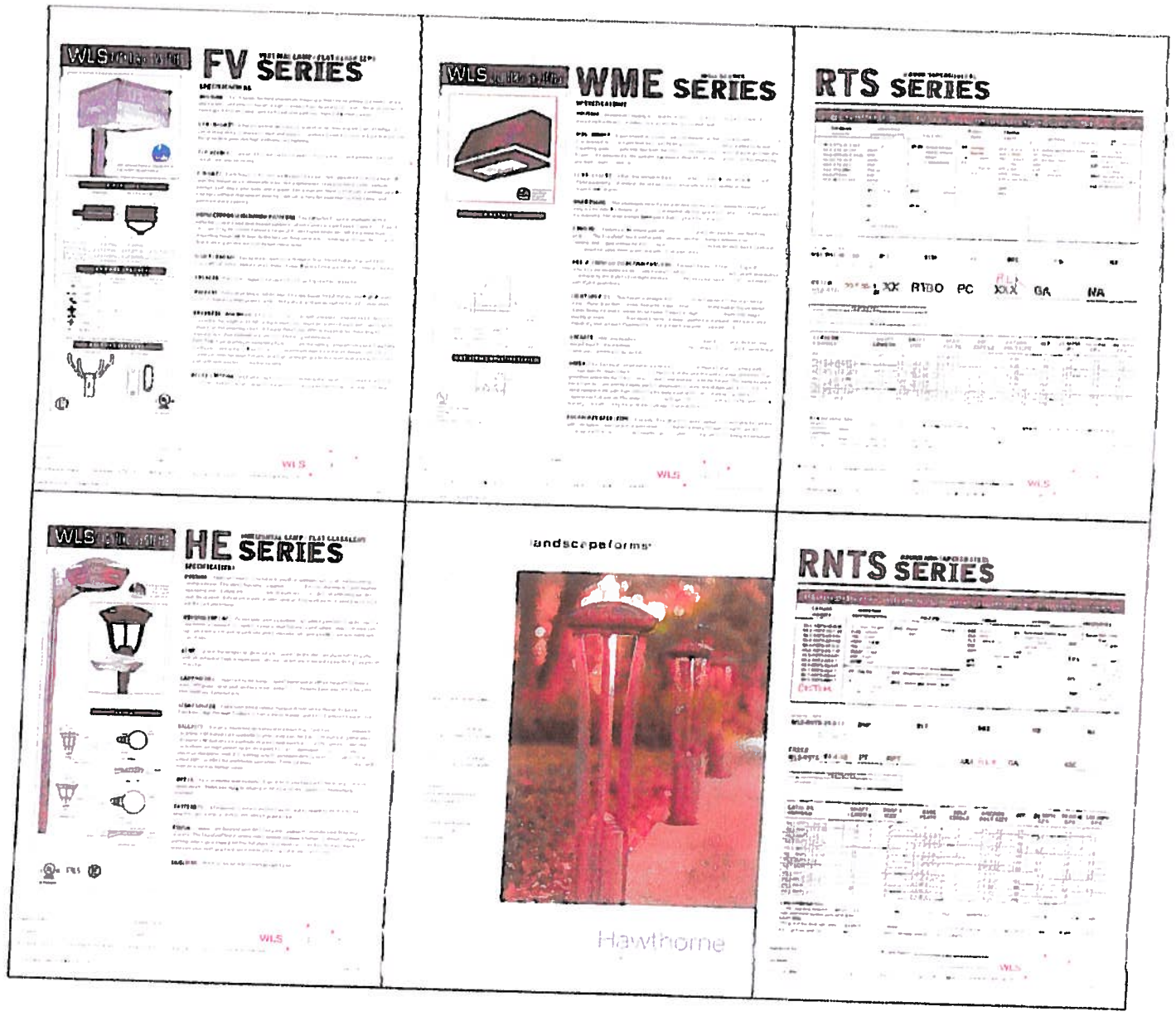
668

EXHIBIT B - Final Plans



MAR 26 2014

EXHIBIT B - Final Plans



MAR 26 2014

MARCH-1-14

North Shore 770
LIGHTING DETAILS
770 SKOKIE BLVD. ROAD
NORTHBROOK ILLINOIS

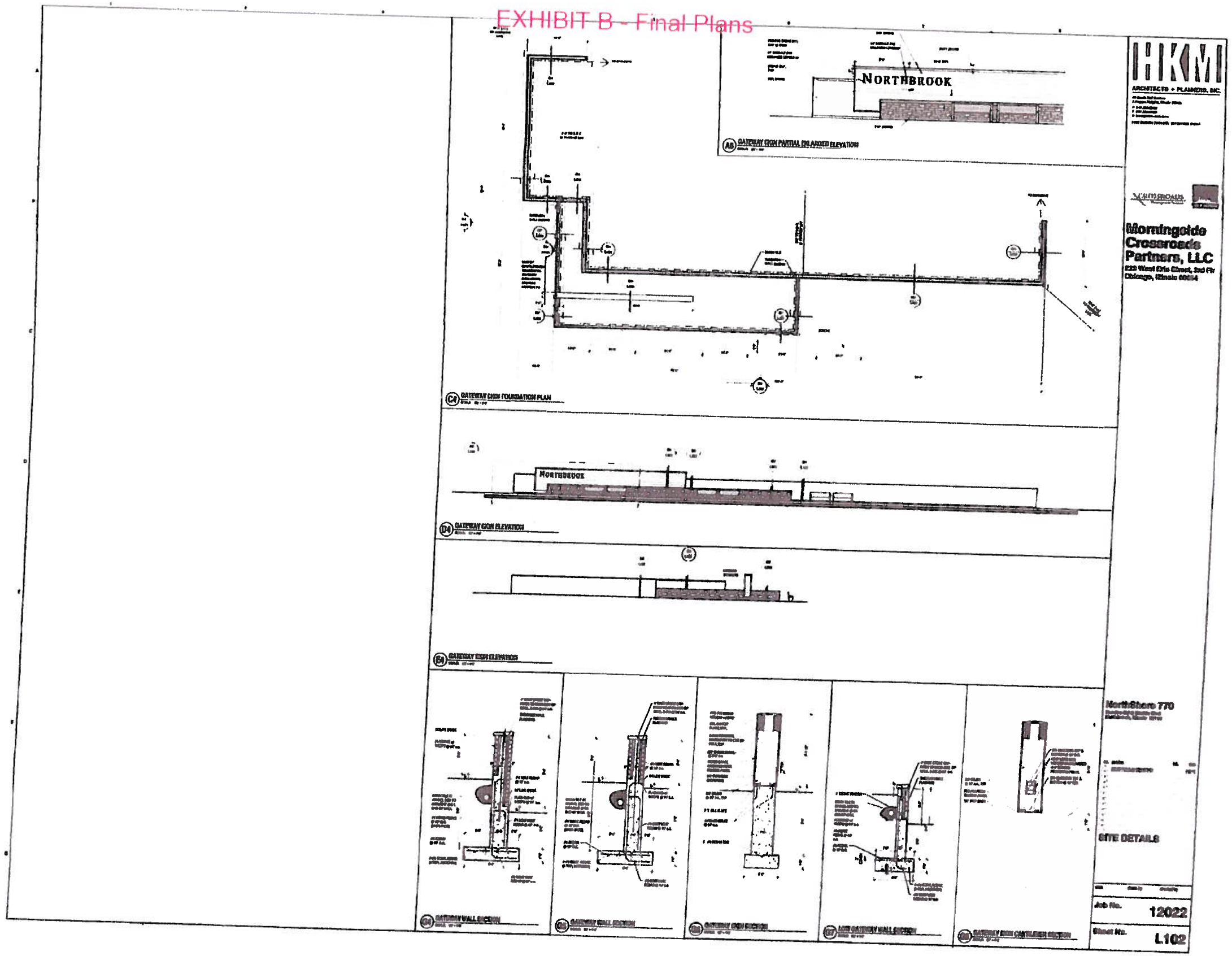
ISSUE TYPE:

REVISIONS:

LIGHTING DETAILS

L-2

EXHIBIT B - Final Plans



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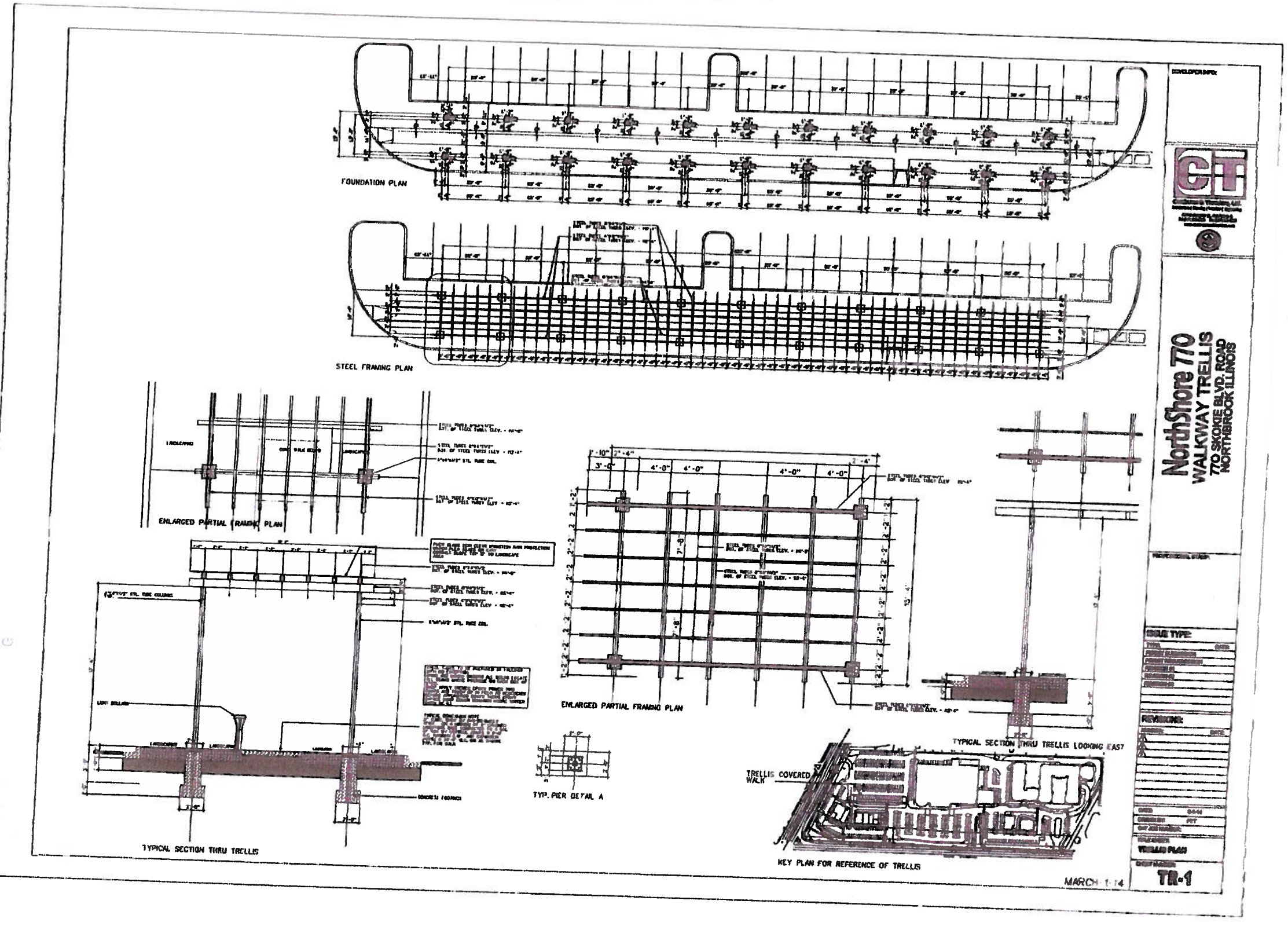
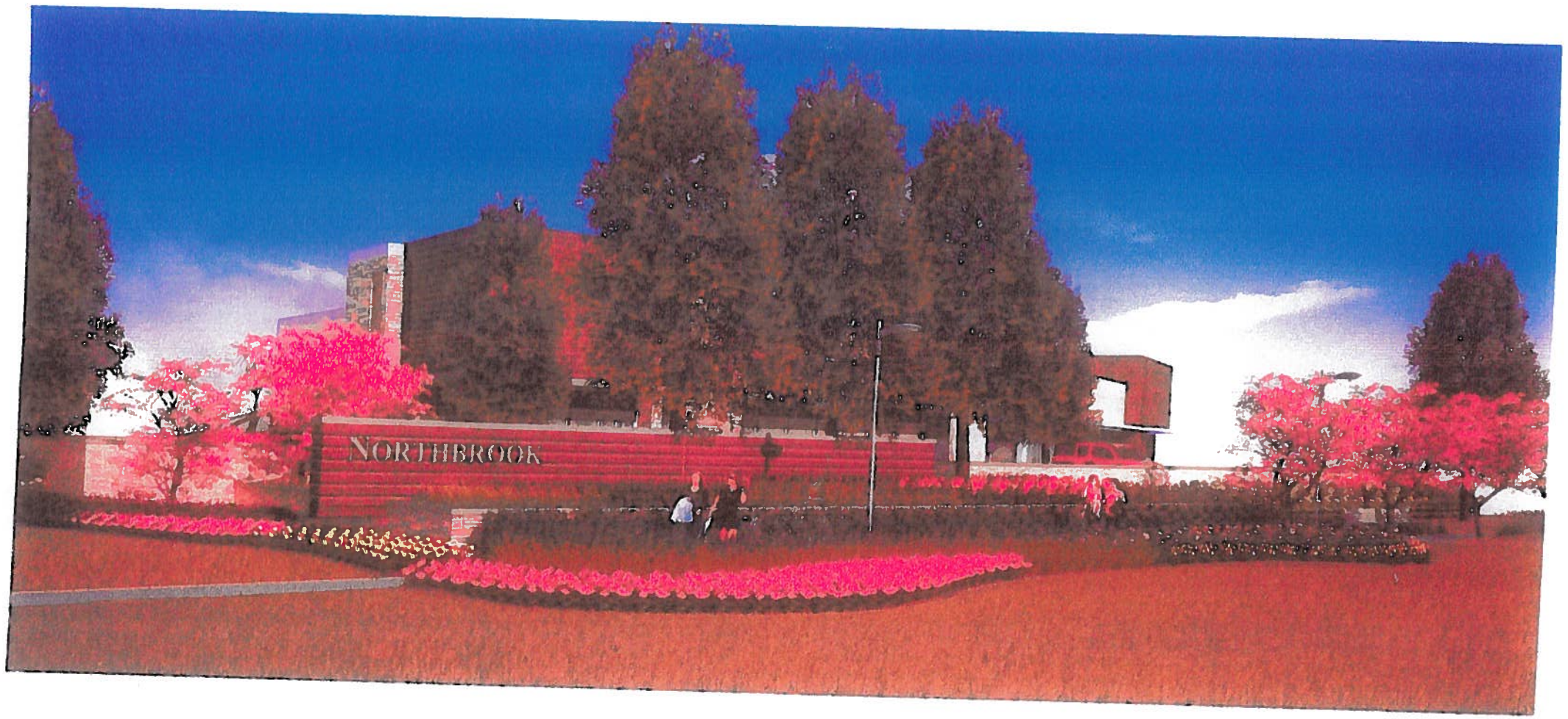


MAR 26 2014

EXHIBIT B - Final Plans



Gateway Signage - View A

Northshore 770
Northbrook, Illinois

43 South Vail Avenue
Arlington Heights, Illinois 60005
Job No 12022 ©2014
March 20, 2014 HKM ARCHITECTS + PLANNERS, INC.

EXHIBIT B - Final Plans

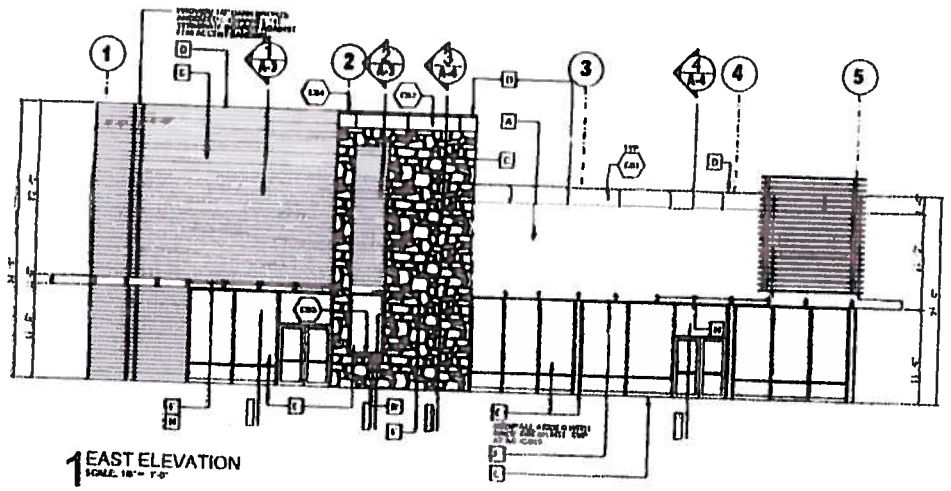
Gateway Signage - View B

Northshore 770
Northbrook, Illinois

43 South Vail Avenue
Arlington Heights Illinois 60005
Job No 12022 ©2014

March 20, 2014 HKM ARCHITECTS + PLANNERS INC

EXHIBIT B - Final Plans



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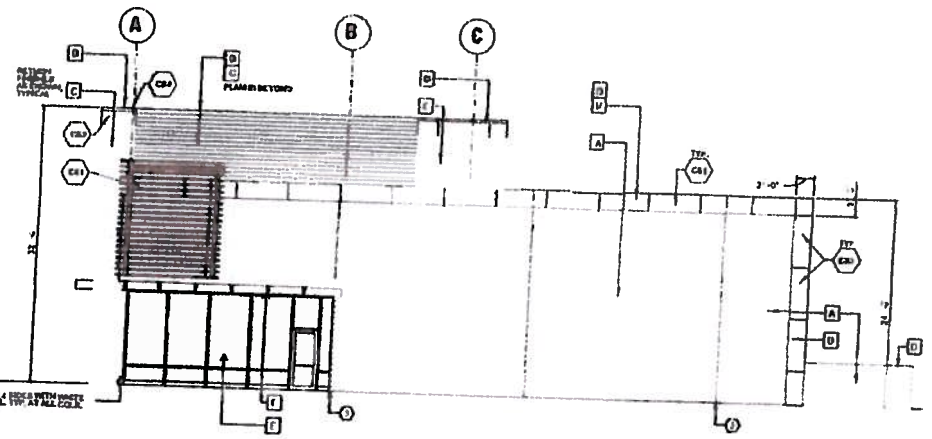
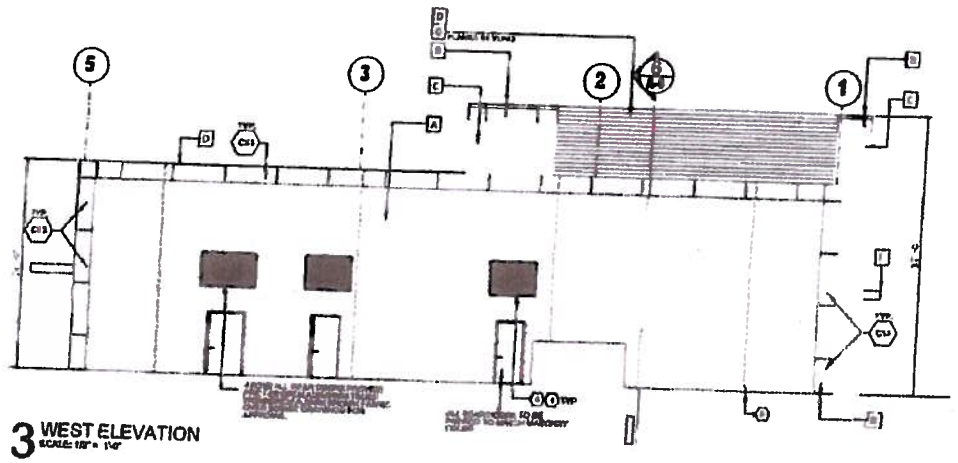
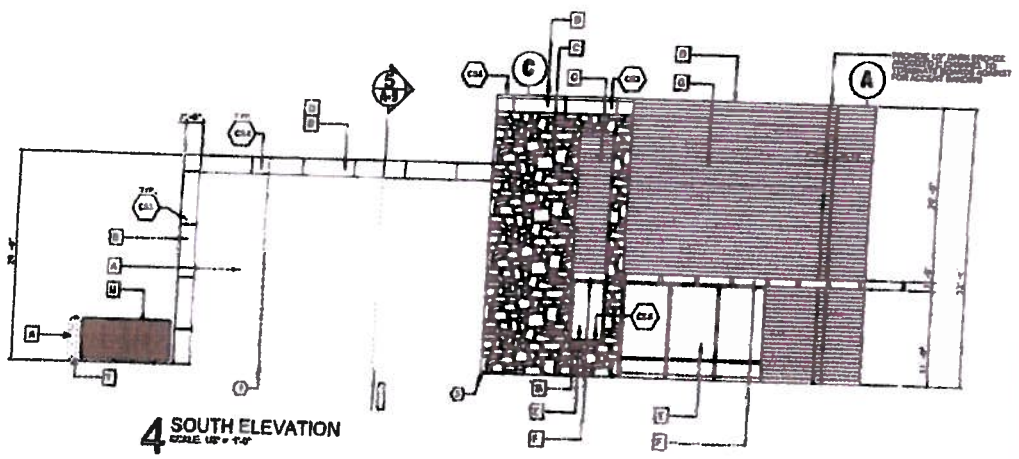


2 NORTH ELEVATION



3 WEST ELEVATION



4 SOUTH ELEVATION

FINISH NOTES

GENERAL NOTES

KEYED NOTES

CAST STONE SHAPES

PENETRATION ENVELOPE REQUIREMENTS

DEVELOPER INFO

CROSSROADS

MORNINGSIDE

Architecture & Planning, Ltd.

NorthShore 770

RETAIL BUILDING A

770 SKOKIE BLVD. ROAD
NORTHBROOK ILLINOIS

PROFESSIONAL STAMP

ISSUE TYPE:

TYPE	DATE
LA ORDINANCE	2-7-14
SDO INCREASE (FINAL)	2-18-14
PERMIT SUBMISSION	2-17-14
ARCH REVIEW SUB.	3-4-14

REVISIONS:

NUMBER	DATE
1	
2	
3	

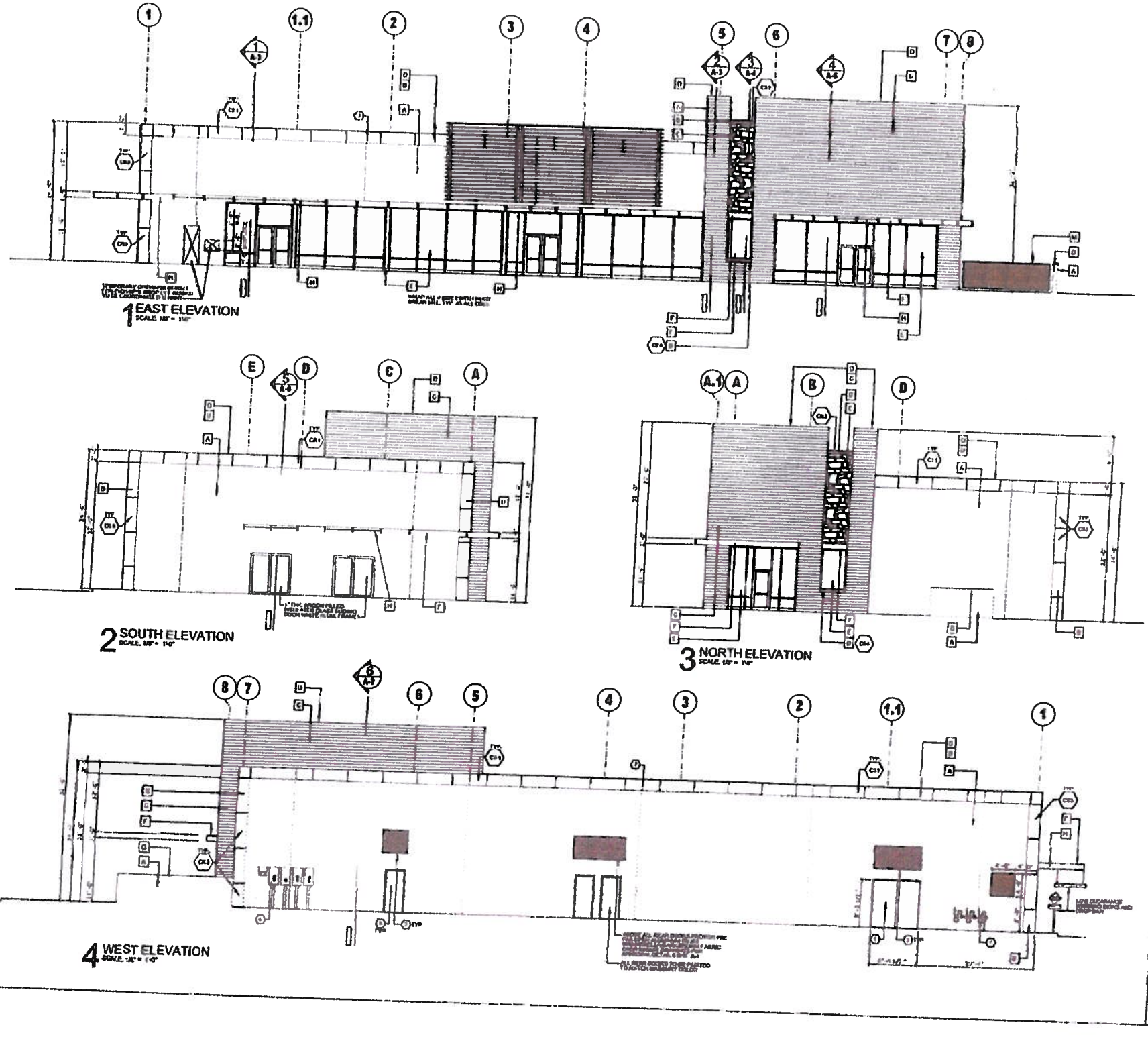
DATE 2-17-14
DRAWN BY PTT
C37.005 NUMBER

SHEET TITLE: EXTERIOR ELEVATIONS

SHEET NUMBER: A-2

VILLAGE OF SKOKIE
DEVELOPMENT & PLANNING
MAR 26 2014

EXHIBIT B - Final Plans



GENERAL NOTES

1. ALL MASONRY WALL MUST CONTROL JOINTS NO MORE OFF OF 1 HEIGHT AND MAY BE O.C. THEREOF, OR AS NOTED ON ELEVATIONS.
2. ALL MASONRY UNITS WITH EXPOSED TOP FACE TO HAVE WEEP
3. ALL WOOD RECORDED TO BE FIRE-TREATED
4. [illegible]
5. [illegible]
6. PROVIDE SOLID MASONRY AT ALL HOLLOW SILL AND JAMB LOC.
7. PROVIDE SAFETY GLAZING AT ALL GLAZING CONDITIONS, TYPICAL.
8. NOT USED
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. FOR CONTROL JOINT LOCATIONS, REFER TO SHEET A-4

KEYED NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. EXPANSION JOINT IN MASONRY, REFER TO DETAIL

PENETRATION ENVELOPE REQUIRED

[illegible]

ACTUAL

[illegible]

MATERIAL REQUIREMENTS		
MFT.#s FRAMES (STOREFRONT)	R-VALUE OR U-FACTOR	ACTUAL
GLAZING: SINGLE GLAZED	[illegible]	
DOUBLE GLAZED	[illegible]	

NOTES:
1. [illegible]
2. [illegible]

FINISH NOTES

A
B
C
D
E
F
G
H
J
K

CAST STONE SHAPES

NOTES:
1. ALL ANCHORS TO BE STAINLESS STEEL.
2. TYPICAL UNITS LENGTH 48" @ 11 3/8"
3. [illegible]
4. PROVIDE TOOLED JOINTS AT ALL CAST STONE TO MATCH ADJACENT MORTAR JOINTS

ACCENT CAP ADJ'S TO

SILL

DEVELOPER and O

Architects & Planners, Ltd.

NorthShore 770

RETAIL BUILDING B

770 SKOKIE BLVD. ROAD
NORTHBROOK ILLINOIS

PROFESSIONAL SEAL

ISSUE TYPE:

TYPE	DATE
LL ISSUANCE	2-7-14
PERMIT ISSUANCE	3-18-14
ARCH REVIEW BUS	3-6-14

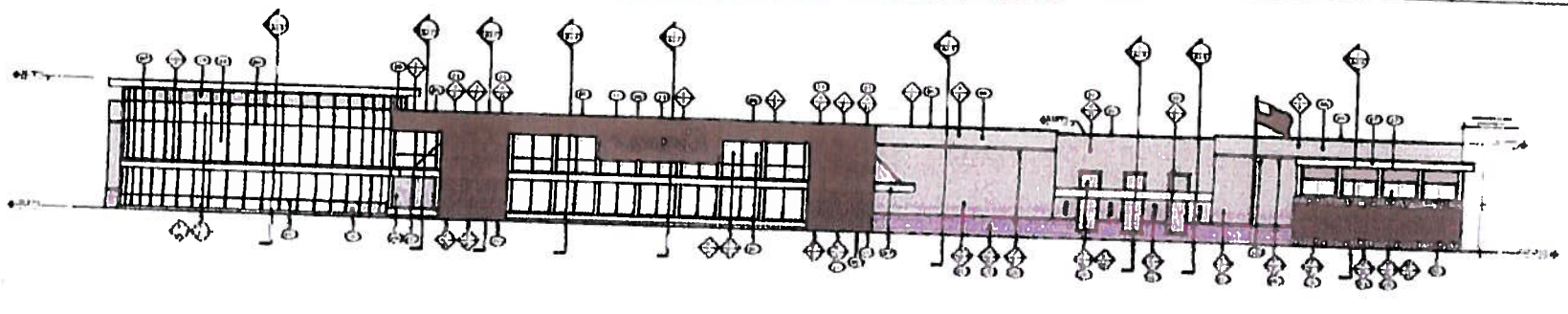
REVISIONS:

NUMBER	DATE
1	

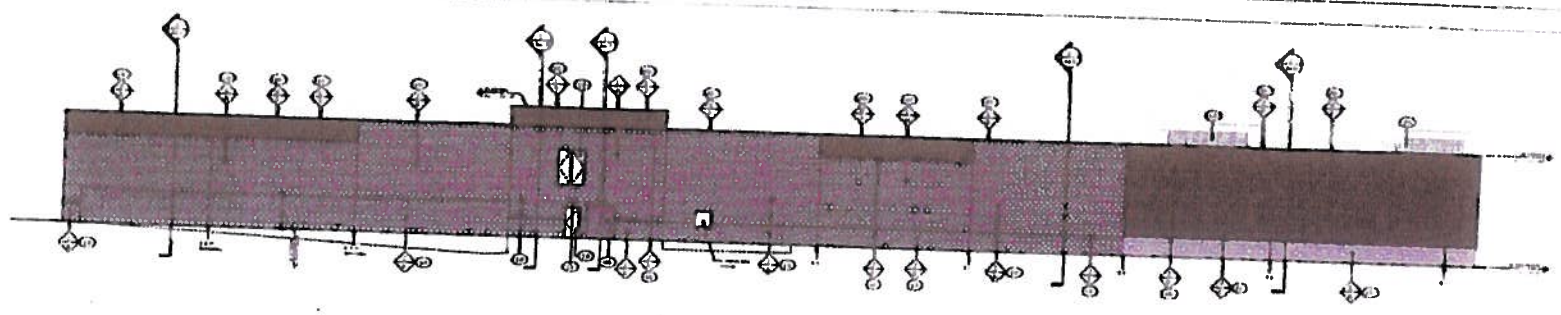
DATE: 3-18-14
DRAWN BY: PTY
CHK'D BY:
TITLE SHEET: EXTERIOR ELEVATIONS
SHEET NUMBER: A-2

VILLA [illegible] OK
DE [illegible] G
MAR 26 2014

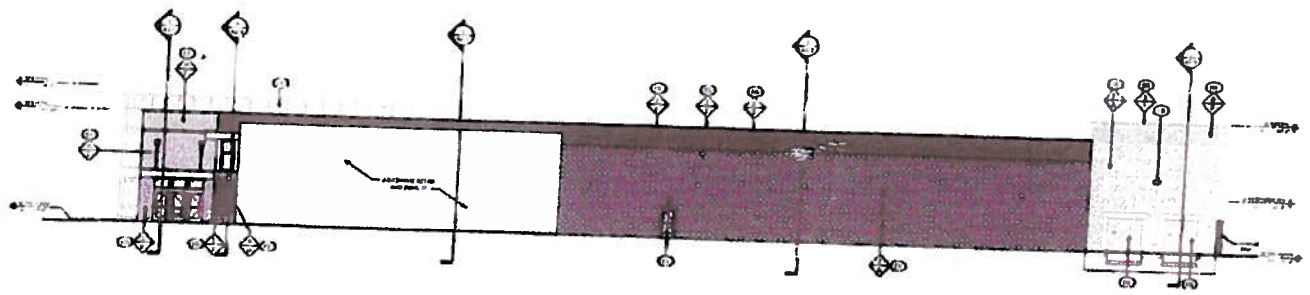
EXHIBIT B - Final Plans



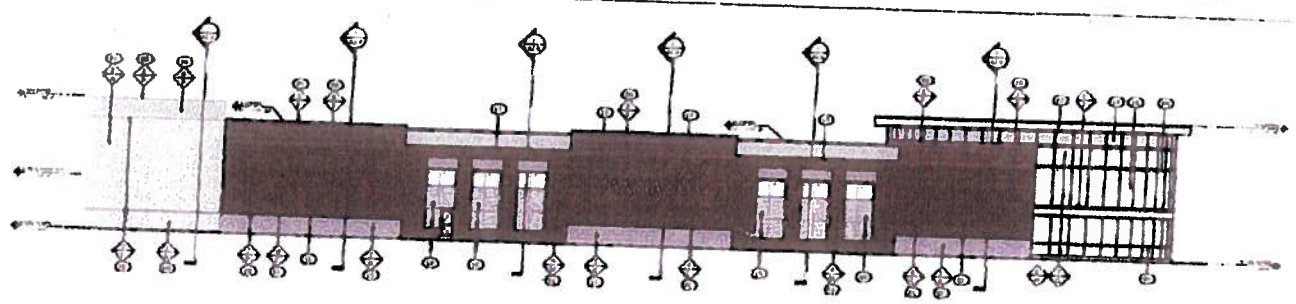
1 EAST ELEVATION (FRONT)



2 WEST ELEVATION (REAR)



3 NORTH ELEVATION (LEFT SIDE)



4 SOUTH ELEVATION (RIGHT SIDE)

ELEVATION KEY NOTES

MATERIAL AND COLOR SCHEDULE

CAMBURAS & THEODORE
2554 N. Clybourn Ave. Ste 202
Chicago, IL
847-559-1330

ROUNDY'S
MARIANO'S
SKOKIE BLVD. & DUNDEE ROAD
NORTHBROOK, ILLINOIS 60062

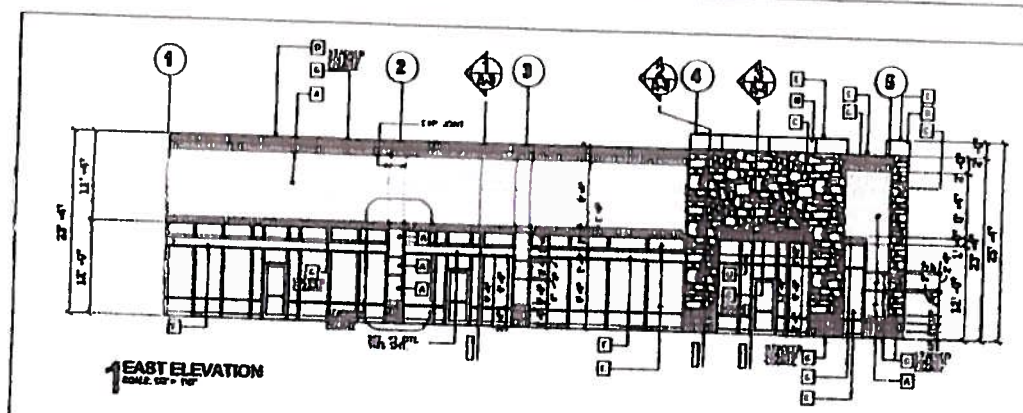
1793

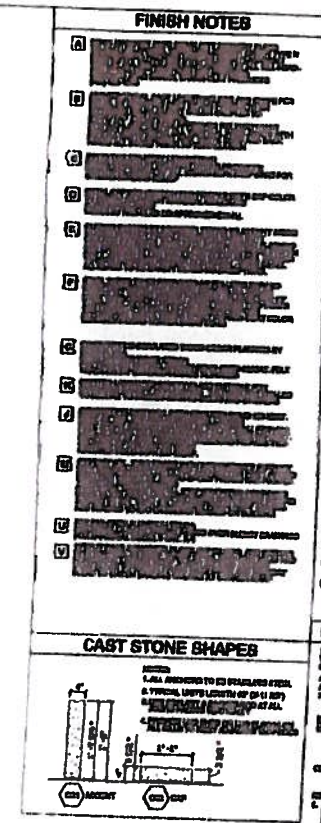
EXTERIOR ELEVATIONS

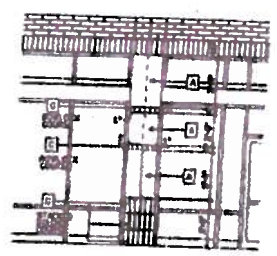
A2.0

MAR 26 2014

EXHIBIT B - Final Plans







MORNINGSIDE

NorthShore 770

RETAIL BUILDING D

770 STONEGATE BLVD. ROAD
NORTHBROOK, ILLINOIS

ISSUE TYPE:

REVISIONS:

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EXHIBIT B - Final Plans

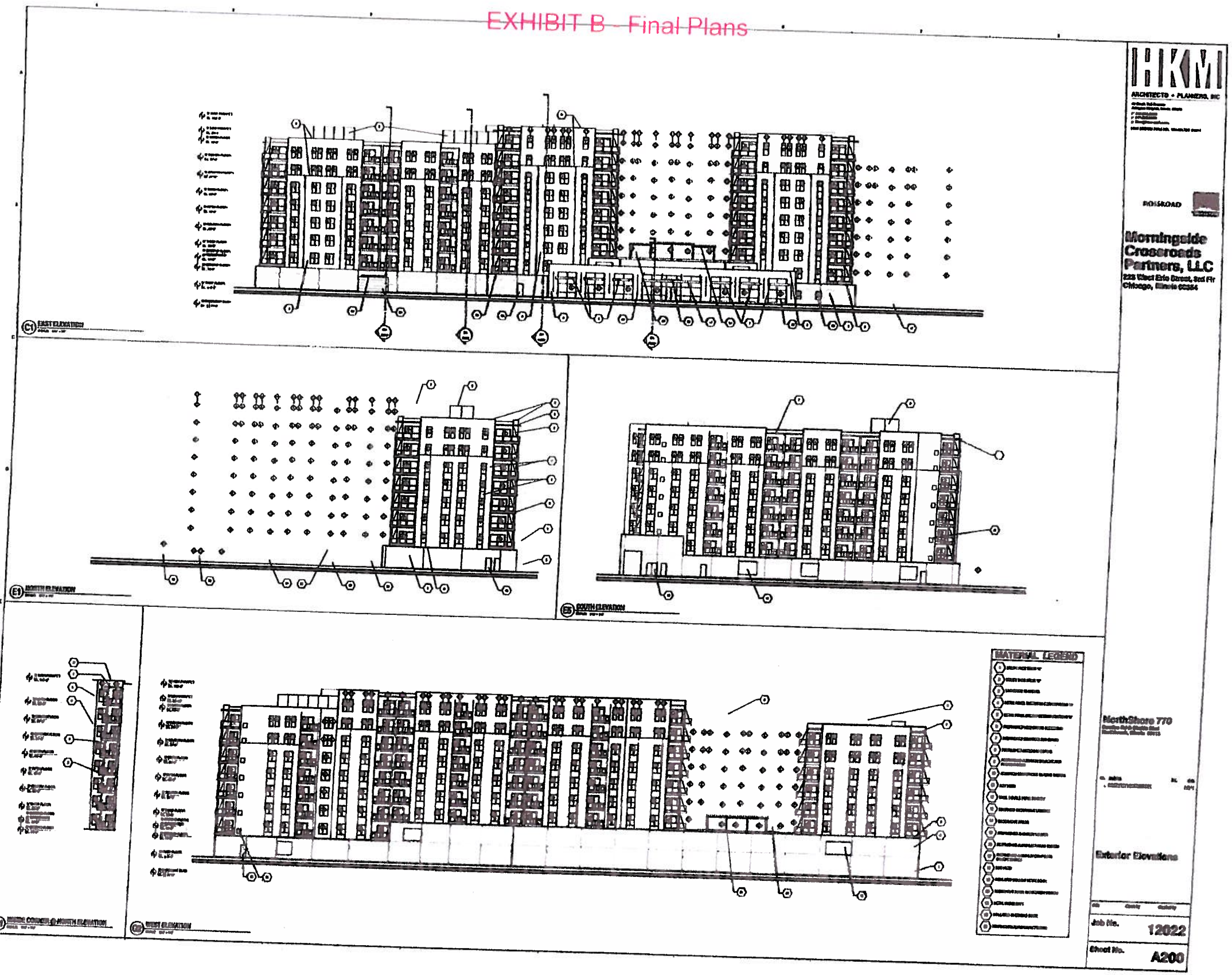
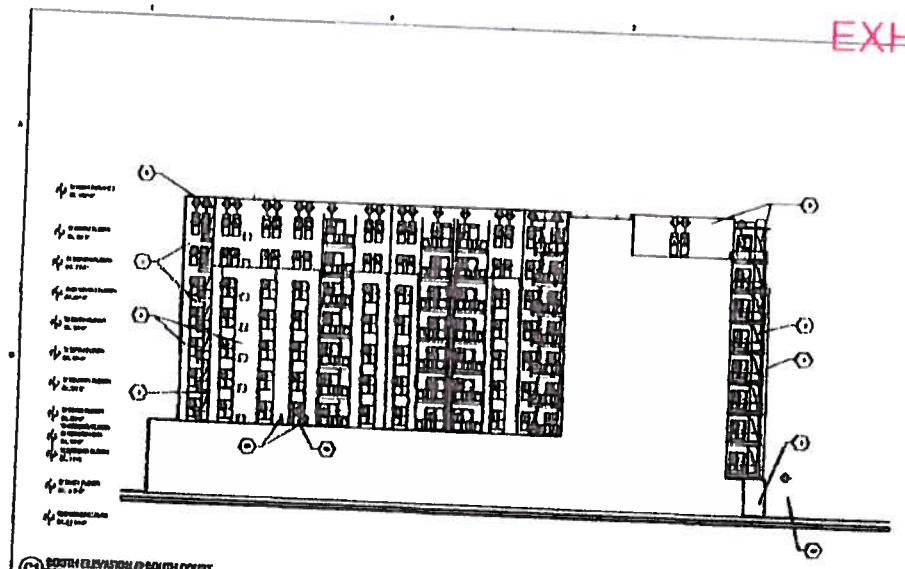
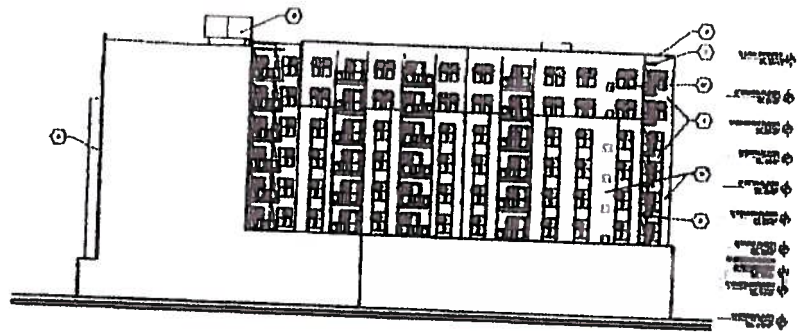


EXHIBIT B - Final Plans



C1 SOUTH ELEVATION @ SOUTH COURT



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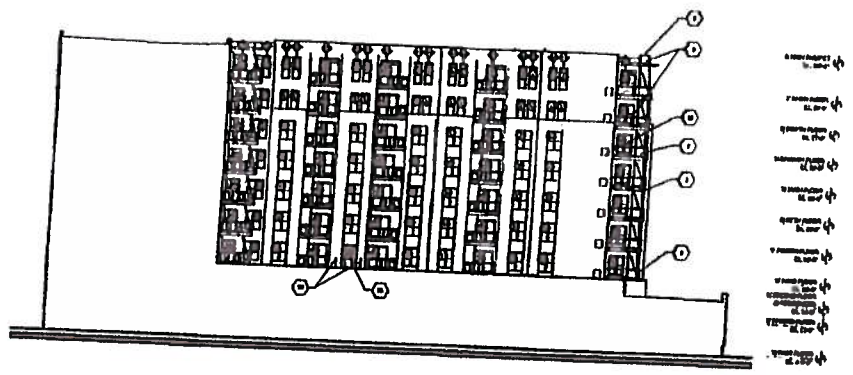
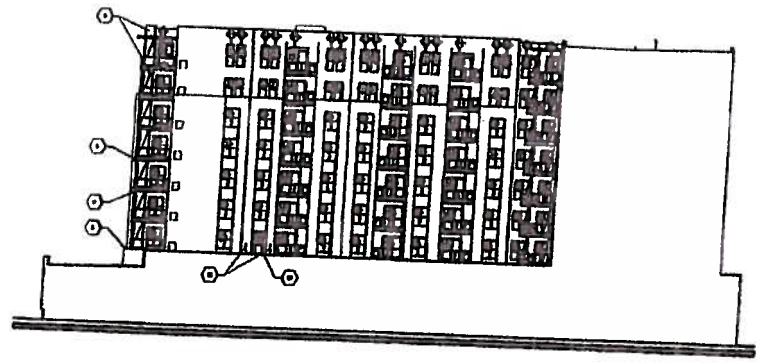
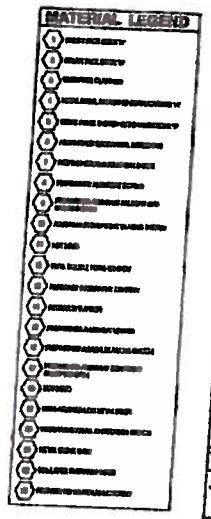


E1 SOUTH ELEVATION @ NORTH COURT



E2 NORTH ELEVATION @ NORTH COURT

MATERIAL LEGEND



HKM
ARCHITECTS + PLANNERS, INC.

Morningside Crossroads Partners, LLC
233 West Erie Street, 3rd Flr
Chicago, Illinois 60654

NorthShore 770

Exterior Elevations

Job No. 12022

Sheet No. A201

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Deputy Director of Development & Planning Services Amy McEwan
Date: 2026-04-28
Subject: A Resolution Approving an Amended and Restated Economic Incentive and Development Agreement Between the Village of Northbrook and Hometown Coffee Northbrook, LLC (1290 Shermer Road)

Overview

Hometown Coffee Northbrook, LLC has requested an amendment to the Agreement originally approved on November 12, 2024, to modify the incentive from a loan to a sales tax rebate consistent with other Village incentive agreements for high sales generating developments.

Fiscal Impact

As the existing property currently generates no sales tax revenue for the Village, this amended and restated incentive agreement provides the same sales tax rebate as previously approved and removes the loan provision. This will have no negative impact to the Village's cash flow projections in the adopted FY27 budget.

Recommendation

Approval.

Background

Hometown Coffee Northbrook, LLC entered into a lease at 1290 Shermer Road in 2024, and on November 12, 2024 the Village Board of Trustees approved an Economic Incentive and Development Agreement with the operator to finance certain costs related to the development through an economic loan. Since that time the operator has redesigned their proposed development to meet the newly approved zoning codes, completed the interior demolition, and is in the final permit review stages to begin renovating the existing building for a coffee shop and venue space.

It is anticipated that the Development will generate substantial sales tax revenues to the Village from the operation of a Hometown Coffee & Juice. In addition, Hometown has demonstrated, through investment in downtown locations in other neighboring communities, that it has been a catalyst for expansion of existing businesses and for new private investment and economic growth in central business districts of the towns in which it is located. This investment in the property and the location of the development is expected to bring increased sales tax revenues for the Village which assists, and will continue to assist, the Village in

providing essential municipal services to members of the public.

Based upon discussions with the operator it has determined that the previously approved advance "loan" style incentive backed by future sales tax proceeds can be modified to a traditional sales tax rebate under consistent terms with other sales tax rebate agreements previously approved for high sales tax generating developments in the Village. The sales tax rebate, maximum total rebate of $1.5 million dollars, and 15 year term remain the same as the approved economic incentive and development agreement. As the existing property currently generates no sales tax revenue for the Village, the amendment to the agreement to remove the loan provision and rebate future new sales tax generated by the Operator will have no negative impact to the Village's cash flow projections in the adopted FY27 budget.

Included for consideration by the Board is a draft resolution approving the proposed amended and restated economic incentive and development agreement between the Village and Hometown Coffee Northbrook, LLC.

Amended and Restated Economic Incentive Agreement
A Resolution Approving Amended and Restated Economic Incentive_Agreement with Hometown

AMENDED AND RESTATED
ECONOMIC INCENTIVE AND DEVELOPMENT AGREEMENT
BETWEEN
THE VILLAGE OF NORTHBROOK AND
HOMETOWN COFFEE NORTHBROOK, LLC
(1290 SHERMER ROAD)

THIS AMENDED AND RESTATED ECONOMIC INCENTIVE AND DEVELOPMENT AGREEMENT ("***Agreement***") is dated as of the ____ day of _____, 2026 ("***Effective Date***"), and is by and between the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation ("***Village***") and **HOMETOWN COFFEE NORTHBROOK, LLC**, an Illinois limited liability company ("***Operator***").

IN CONSIDERATION OF the agreements set forth in this Agreement, the receipt and sufficiency of which are mutually acknowledged, and pursuant to the Village's statutory and home rule powers, the Parties agree as follows:

SECTION 1. BACKGROUND.

A. The Village has the authority, pursuant to the laws of the State of Illinois and its home rule authority, to promote the health, safety, and welfare of the Village and its residents, to prevent the spread of conditions detrimental to healthy economic development, to encourage private development in order to enhance the local tax base, to increase employment, and to enter into contractual agreements with developers and redevelopers for the purpose of achieving such objectives.

B. The Village is authorized under the provisions of the Illinois Municipal Code to expend funds for commercial enterprises that are deemed necessary or desirable for the promotion of economic development within the Village (65 ILCS 5/8-1-2.5) and to enter into economic incentive agreements (65 ILCS 5/ 8-11-20).

C. Operator intends to construct, open, and operate an approximately 4,450 square foot Hometown Coffee & Juice-branded cafe on the property located at 1290 Shermer Road, Northbrook, Illinois and legally described and depicted in **Exhibits A** and **B** ("***Property***") for the purpose of selling, among other things, coffee, juice, breakfast, and lunch offerings, with an outdoor patio and indoor private event space (which shall initially be named "Uptown Private Event Space"), all as generally depicted in the Development Plans attached as **Exhibit C** ("**Development**").

D. The Property is owned by HT Northbrook Owner, LLC ("***Owner***").

E. Operator has entered into a Lease Agreement with Owner dated December 17, 2025 to allow Operator to construct and operate the Development on the Property ("***Lease Agreement***"). The term of the Lease Agreement is fifteen (15) years.

F. It is anticipated that the Development will generate substantial sales tax revenues to the Village from the operation of a Hometown Coffee & Juice. In addition, Hometown Coffee & Juice has demonstrated, through investment in downtown locations in other neighboring communities, that it has been a catalyst for expansion of existing businesses and for new private investment and economic growth in the central business districts of the towns in which it is located.

This investment in the Property and the location of the Development is expected to bring increased sales tax revenues for the Village which assist, and will continue to assist, the Village in providing essential municipal services to members of the public.

G. The Parties desire that the Property be developed and used in compliance with this Agreement, and the Village desires to financially assist Operator, pursuant to and in accordance with this Agreement, the Code, and the Village's home rule powers, to facilitate the Development on the Property.

H. The use and development of the Property in the manner contemplated in this Agreement will:

1. create a significant amount of new job opportunities in the Village;

2. further the development and redevelopment of land adjacent to the Property;

3. facilitate the enhancement, improvement, and development of the Property that would not have occurred without an economic incentive agreement;

4. strengthen the Village's commercial sector;

5. enhance the Village's tax base; and

6. be in the best interests of the Village and its residents.

I. Operator has represented to the Village that without financial assistance from the Village as detailed in this Agreement, the Development is not economically feasible and that Operator would not undertake the construction and operation of the Development.

J. On November 12, 2024, Operator and the Village entered into that certain Economic Incentive and Development Agreement ("***2024 Incentive Agreement***") which provided for a financial incentive by the Village for the Development on the Property. The parties desire to change the nature and terms by which the financial incentive is provided. Specifically, instead of the Village making a loan to the Operator and allowing the loan to be forgiven by the sales tax generated from the Development, it is desired that the Village provide a sales tax rebate to the Operator consistent with other sales tax rebate agreements previously entered into by the Village for high sales tax generating developments.

K. The Corporate Authorities, after due and careful consideration, have concluded that the redevelopment and use of the Property pursuant to and in accordance with this Agreement is consistent with the Village's land use goals and objectives and is in the Village's best interests.

L. The Corporate Authorities have exercised their legislative judgment and determined that the Development provides public benefits, including, without limitation, tax revenue, employment opportunities, additional dining opportunities adjacent to the downtown train station, pedestrian-scale improvements, and improvements intended to help the Village achieve the vision contained in its Comprehensive Plan.

M. The parties intend for this Agreement to amend and replace in its entirety the 2024 Incentive Agreement.

N. The foregoing Recitals are incorporated herein and made a part of this Agreement.

SECTION 2. **EFFECT OF RESTATEMENT; DEFINITIONS; RULES OF CONSTRUCTION**.

A. Effect of Restatement. This Agreement supersedes and replaces, in its entirety, the 2024 Incentive Agreement.

B. Definitions. Whenever used in this Agreement, the following terms have the following meanings unless a different meaning is required by the context. All capitalized terms and phrases in this Agreement have the meanings set forth in the preamble above and in this Section or elsewhere in this Agreement. If a word or phrase is not specifically defined in this Agreement, it has the meaning ascribed to it in the Village Code.

***Affiliate*:** As to a Person, any other Person that, directly or indirectly, is in Control of, is Controlled by, or is under common Control with, such first Person.

***Budget*:** As defined in Section 5.A of this Agreement.

***Building*:** The single-story commercial structure containing approximately 3,800 square feet constructed on the Property including, without limitation, indoor and outdoor improvements, including new outdoor dining area and pergola, and new parking stalls all as depicted in the Development Plans.

***Building Code*:** Chapter 6 of the Village Code, as amended from time to time.

***Code*:** The "Village of Northbrook Code of Ordinances," as amended.

Comprehensive Plan: Village of Northbrook Comprehensive Plan (2010), as amended.

***Control*:** The possession by a Person, directly or indirectly, of the power to direct or cause the direction of the management, activities, and policies of another Person (even if such power is subject to, or becomes subject to, the right of other equity holders to exercise (i) veto rights over major decisions, (ii) removal rights upon a material default in the Controlling Person's obligations, or (iii) a forced sale or purchase right upon the occurrence of specified events), whether through the ability to exercise voting power, by contract or otherwise. "Controlled" and "Controlling" each have the meanings correlative thereto.

***Corporate Authorities*:** The President and Board of Trustees of the Village of Northbrook, Illinois.

***Development Plans*:** Those certain preliminary development plans for the Property to be submitted to and reviewed and processed by Village, that would consist of the following documents:

Floor Plans

Elevations

Preliminary Engineering Plan

Preliminary Site Plan

copies of which are attached in **Exhibits C** to this Agreement.

***Effective Date*:** The date of execution of this Agreement by all of the Parties as set forth in the first paragraph of page one of this Agreement.

***Events of Default*:** Defined in Section 11 of this Agreement.

***Existing Improvements*:** The commercial building, parking lot, and related infrastructure existing on the Property as of the Effective Date of this Agreement.

Force Majeure* or *Uncontrollable Circumstance: Any of the following events and circumstances that materially change the ability of Operator to carry out its obligations under this Agreement:

a. a change in the Requirements of Law, other than an action taken by the Village to repeal a development approval granted to Operator as a result of an Event of Default under this Agreement;

b. insurrection, riot, civil disturbance, sabotage, act of public enemy, explosion, nuclear incident, war, or naval blockade;

c. epidemic or pandemic, hurricane, tornado, landslide, earthquake, lightning, fire, windstorm, other extraordinary weather conditions preventing or otherwise delaying performance of work, or other similar Act of God;

d. governmental condemnation or taking other than by the Village;

e. strikes, lockouts, or labor disputes, other than those caused by the unlawful acts of Operator, its partners, or affiliated entities;

f. supply chain disruptions or other shortages of materials or supplies; or

g. any other event outside of the reasonable control of Operator.

Uncontrollable Circumstance or Force Majeure does not include: (i) delays caused by weather conditions, unless the weather conditions are unusually severe or abnormal considering the time of year and the particular location involved; or (ii) economic hardship, impracticability of performance, commercial, economic, or market conditions (except as expressly set forth above such as supply chain disruptions), or a failure of performance by a contractor (except as caused by events that are Uncontrollable Circumstances as to the contractor). In no event shall increased costs or other financial considerations be considered an uncontrollable circumstance or force majeure event.

Gross Receipts: The meaning ascribed to it in the Retailers' Occupation Tax Act.

IDOR: The State of Illinois Department of Revenue.

***Indemnified Claims*:** Defined in Section 8 of this Agreement.

***Lease Agreement*:** As defined in Section 1.E of this Agreement.

Maximum Total Rebate: Defined in Section 5.C. of this Agreement.

Municipal Sales Tax: That portion or component of the Sales Taxes generated by Operator from sales on any portion of the Property that the Village actually receives from the State of Illinois.

***Person*:** Any corporation, partnership, individual, joint venture, limited liability company, trust, estate, association, business, enterprise, proprietorship, governmental body or any bureau, department or agency thereof, or other legal entity of any kind, either public or private, and any legal successor, agent, representative, authorized assign, or fiduciary acting on behalf of any of the above.

Public Improvements Standards Manual: The Village of Northbrook Standards and Specifications for Public and Private Improvements, as amended.

Rebate Commencement Date: The date established pursuant to Section 5.C of this Agreement.

Requirements of Law: The Village Laws and all applicable laws, statutes, codes, ordinances, resolutions, rules, regulations, and policies of any federal, state, or local government or governmental agency with jurisdiction over the Property, each as may be amended from time to time.

Sales Taxes: Only those taxes imposed and collected by the State of Illinois pursuant to the Home Rule Retailers' Occupancy Tax Act, 65 ILCS 5/8-11-1 *et seq.*, the Retailer's Occupation Tax Act, 35 ILCS 120/1 *et seq.*, the Service Use Tax Act, 35 ILCS 110/1 *et seq*., the Service Occupation Tax Act, 35 ILCS 115/1 *et seq*., and the Use Tax Act, 35 ILCS 105/1 *et seq*.

Sales Tax Rebate: The rebate payment to Operator of the Municipal Sales Taxes that the Village receives and that it is required to make pursuant to this Agreement.

Sales Tax Year: The period of time commencing on the Rebate Commencement Date and ending on the immediately following December 31; and each of the subsequent 12-month periods thereafter, through December 31 of the 15th year following the Rebate Commencement Date.

Subdivision Code: The "Village of Northbrook Subdivision and Development Code," as amended.

***Transferee Assumption Agreement*:** As defined in Section 9.C to this Agreement.

Zoning Code: The "Village of Northbrook Zoning Code," as amended.

C. Rules of Construction.

1. Grammatical Usage and Construction. In construing this Agreement, plural terms are to be substituted for singular and singular for plural, in any place in which the context requires.

2. Headings. The headings, titles, and captions in this Agreement are used only for convenience and in no way define, limit, extend, or describe the scope or intent of this Agreement or any of the substantive provisions of this Agreement.

3. Calendar Days; Calculation of Time Periods. Unless otherwise specified in this Agreement, references to days in this Agreement are to calendar days. Unless otherwise specified in this Agreement, in computing any period of time under this Agreement, the day of the act or event on which the designated period of time begins to run is not to be included and the last day of the period so computed is to be included, unless the last day is a Saturday, Sunday or legal holiday under the laws of the State in which the Property is located, in which event the period will run until the end of the next day which is not a Saturday, Sunday or legal holiday. The final day of any period will be deemed to end at 5:00 p.m., Central prevailing time.

4. Compliance and Conflict with Other Requirements. Unless otherwise specified in this Agreement, if there is a conflict between this Agreement and any plan, document, or Requirement of Law referenced in this Agreement, the plan, document, or Requirement of Law that provides the greatest control and protection for the Village, as determined by the Village Manager, will control. All of the provisions in this Agreement, and all referenced plans, documents, and Requirements of Law are to be interpreted so that the duties and requirements imposed by any one of them are cumulative among all of them, unless otherwise provided in this Agreement either specifically or in context.

SECTION 3. ZONING COMPLIANCE.

The Property must be developed, used, operated, and maintained in compliance with all Requirements of Law and this Agreement, including all requirements of the Zoning Code, specifically on-site parking requirements. If any relief from the Zoning Code is required to construct or operate the Development, it will be the responsibility of Operator to submit a complete application seeking all zoning and subdivision approvals necessary for Operator to construct and operate the Development.

SECTION 4. DEVELOPMENT AND OPERATION OF THE PROPERTY.

A. Compliance with this Agreement. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Village Code or any other rights Operator may have, during the term of this Agreement, the Property may only be developed pursuant to, and in accordance with, the terms and provisions of this Agreement and its exhibits. Development of the Property in a manner deviating from these conditions will be deemed a violation of this Agreement and Operator's obligations hereunder, and an Event of Default pursuant to Section 11 of this Agreement.

B. Construction and Operation.

1. Operator commenced construction of the Development prior to the Effective Date, and must diligently pursue the construction of the Development in accordance with

the Development Plans. The Village will not unreasonably withhold or delay issuance of any complete and properly filed application for a building permit.

2. Construction of the Development must be complete (as evidenced by a certificate of occupancy issued by the Village), and the business open to the public no later than December 31, 2026 (subject to extension due to Force Majeure).

3. Once construction is complete and the Development is open to the public, Operator must continuously operate and maintain the Development for the entire term of this Agreement, subject to temporary closures lasting no longer than 180 days, and subject to Force Majeure.

C. General Restrictions. Operator's development of the Property, except for minor alterations approved by the Village Engineer or the Village Director of Planning and Development Services, as appropriate, must comply, and be in accordance, with the following:

1. This Agreement;

2. The Development Plans, as such Plans may be modified;

3. The Zoning Code;

4. The Building Code;

5. The Subdivision Code;

6. The Public Improvements Standards Manual; and

7. The Requirements of Law.

Unless otherwise provided in this Agreement either specifically or in context, in the event of a conflict between or among any of the above plans or documents, the plan or document that provides the greatest control and protection for the Village, as reasonably determined by the Village Manager, will control. All of the above plans and documents must be interpreted so that the duties and requirements imposed by any one of them are cumulative among all of them, unless otherwise provided in this Agreement.

D. Particular Terms for Development. Without limitation of anything depicted or described in the Development Plans, the Development must, at all times, include or comply with the following:

1. The Building will contain at least 2,500 square feet of interior dining and restaurant space (including back of house), and at least 1,300 square feet of event space.

2. The Building will be designed and operated to accommodate no fewer than 45 diners at any one time on a year-round basis in the indoor area of the cafe.

3. The Development will include an outdoor dining area of at least 800 square feet.

4. The Development will be staffed and managed by Operator and any successor approved in accordance with this Agreement with experience managing restaurants with a similar or higher price point.

5. Operator will take into account reasonable ways to stimulate sales tax growth and create jobs in the Village, including but not limited to the addition of a liquor license for events, and consideration of extended night hours for operation of the Development.

E. Damage to Public Property. Operator will maintain all streets, sidewalk, and other public property adjacent to the Property in a good and clean condition during development of the Property and construction of the Development. Further in connection with the construction of the Development, Operator will promptly clean all mud, dirt, or debris deposited on any street, sidewalk, or other public property in or adjacent to the Property by Operator or any agent of or contractor hired by, or on behalf of, Operator, and will repair any damage to public property that may be caused by the activities of Operator or any agent of or contractor hired by, or on behalf of, Operator. Within a reasonable period of time, but in no event more than 24 hours after the Village gives Operator notice to clean all mud, dirt, or debris deposited on any street, sidewalk, or other public property in or adjacent to the Property deposited by the Operator or any agent of or contractor hired by, or on behalf of, Operator in connection with the construction of the Development, if Operator neglects to clean, or undertake with due diligence to clean, the affected public property, then the Village will be entitled to clean, either with its own forces or with contract forces, the affected public property and to recover from Operator the actual costs or charges reasonably incurred by the Village to perform the cleaning.

F. Changes to the Development Plans. All changes to the Development Plans must be processed in accordance with Zoning Code.

G. Demolition. Operator shall be responsible, at its sole cost and subject to all Requirements of Law, for demolishing and removing any portion of the Existing Improvements, necessary to construct the Development, including, without limitation, those located at, above, and below grade, on and around the Property that are necessary to accommodate the Development's construction.

SECTION 5. DEVELOPMENT FINANCING AND MONITORING.

A. Cost of Construction. Operator represents and warrants (i) that the total cost of constructing and furnishing the Development is no less than $1,500,000.00, including, without limitation, furniture, fixtures, and equipment ("***FF&E***"), but excluding all Development soft costs, such as, without limitation, financing costs, architect's fees, engineer's fees, and attorneys' fees ("***Soft Costs***"); and (ii) that the Development construction budget attached as **Exhibit D** ("***Budget***") accurately represents the hard costs, the FF&E costs, and the Soft Costs associated with constructing and furnishing the Development. The Parties acknowledge and agree that (1) the Budget is preliminary and may change as the Development is constructed; (2) any decrease in the cost of construction (excluding Soft Costs) below $1,500,000 will reduce the Maximum Total Rebate by the same amount.

B. Sales Tax Rebate.

1. Calculation of Rebate. The Village will provide, as an economic incentive to facilitate the development, use, operation and occupancy of the Property, a Sales Tax Rebate to the Operator. Beginning on the Rebate Commencement Date, the Village will pay to Operator

100 percent of the Municipal Sales Tax generated by Operator on the Property during each Sales Tax Year, for a maximum of fifteen years or up to the Maximum Total Rebate, as defined in Section 5.C.3, whichever occurs first.

2. Rebate Commencement Date. The **"Rebate Commencement Date"** is hereby declared to be the date on which the Development has been constructed and developed in substantial conformance with the Development Plans, subject only to changes or modifications authorized by the Corporate Authorities (to the extent such approval is required hereunder), and is open for business to the public, fully staffed and fixtured, as confirmed by the Village Manager.

3. Maximum Total Incentive**.** The maximum amount in Sales Tax Rebate that the Village will be required to remit to Operator under this Agreement is $1,500,000.00 ("***Maximum Total Rebate***"). Under no circumstances will the Village have any obligation whatsoever to pay more than the Maximum Total Rebate to Operator pursuant to this Agreement.

4. Village Payment.

a. Within 60 days after the end of each Sales Tax Year, and after the Village receives the summary of Sales Taxes paid from the Property for the applicable year from IDOR, the Village will pay the required Sales Tax Rebate for that particular Sales Tax Year to Operator, based on the records of IDOR. If, for any reason, the State of Illinois fails to distribute the Municipal Sales Tax revenue to the Village in sufficient time for the Village to make the annual payments, the Village must provide notice of that fact to Operator. In that event, the Village must make the required Sales Tax Rebate payment within 60 days after the date on which the Village actually receives the Municipal Sales Tax revenue due the Village for the applicable annual payment period. In no event will the Village have any obligation to make an annual payment to Operator under this Agreement until the Village has actually received the distribution of Municipal Sales Tax revenue from the State for that Sales Tax Year. The Village agrees to take all actions necessary to obtain the sales tax reports and documents from the Illinois Department of Revenue required for it to make the necessary determinations under this Agreement. Nothing contained in this Agreement is to be construed as requiring the Village to disclose or provide Operator with any tax information deemed confidential by the Illinois Department of Revenue.

b. If at the end of any Sales Tax Year, the Village identifies the need to adjust and reconcile the amount of any Sales Tax Rebate payment to account for any provision of this Agreement or to account for the amount of Sales Tax actually paid by the State of Illinois to the Village, the Village and Operator agree to cooperate with each other to accomplish the reconciliation. To the extent necessary in that circumstance, as determined by the Village, the parties agree that the Village may require Operator to submit such specified financial statements and copies of the applicable State of Illinois Sales Tax Reports from the Property as are necessary to verify the amount of Sales Tax collected from operations at the Property. Any information received by the Village from Operator under this Agreement will be kept confidential to the extent allowed by the Requirements of Law.

5. Change in the Law.

a. The Village and Operator acknowledge and agree that the Village's obligation to pay the Sales Tax Rebate to Operator is predicated on existing State law governing the distribution of Sales Taxes to the Village, including, without limitation, the Retailers' Occupation Tax Act. The Village and Operator further acknowledge that the General Assembly of

the State has, from time to time, considered proposals to modify or eliminate the distribution of Sales Taxes to Illinois municipalities. The Village and Operator make express provision for the effect of any change upon the operation of this Agreement in Section 5.C.5.b of this Agreement.

b. In the event that the State of Illinois amends or repeals the Retailers' Occupation Tax Act or makes any other promulgation, enactment, or change that eliminates the distribution of Sales Taxes to the Village, or otherwise alters the distribution formula in a manner that prevents the Village and Operator from determining with a reasonable degree of certainty the amount of the Municipal Sales Tax (***"Change in Law"***), the provisions of this Agreement with regard to Municipal Sales Tax generated from the Property on or after the effective date of the Change in Law will automatically terminate and become null and void and be of no further force or effect, and the Village will have no obligation whatsoever to pay to Operator any of the Municipal Sales Tax generated on or after the effective date of the Change in Law. However, if, at any time during the term of this Agreement, the State of Illinois effects another Change in Law that either results in the distribution of Sales Taxes to the Village or allows the Village and Operator to determine with a reasonable degree of certainty the amount of the Municipal Sales Tax, the provisions of this Agreement with regard to Municipal Sales Tax generated from the Property will automatically be reinstated and will continue through the remainder of the term of this Agreement, subject to the Maximum Total Rebate set forth in this Agreement.

c. If a Change in Law results in replacement taxes for the Sales Taxes directly resulting from Gross Receipts from the Property as contemplated hereunder, then, for purposes of this Agreement, the replacement taxes will be defined as Sales Taxes, subject in all respects to the Village's actual receipt of its portion of the replacement taxes as well as the Village's authority under state law to provide for rebate of the replacement taxes, as contemplated herein.

d. If there is a Change in Law, the parties will cooperate with each other to accomplish the intent of this Agreement as described in Section 1 of this Agreement.

6. No Guarantee. The parties acknowledge and agree that none of the terms, conditions, or provisions of this Agreement are to be construed, deemed, or interpreted as either: (1) a guarantee that the Village will receive any Sales Taxes as a result of the operation of the Development on the Property; or (2) a requirement or obligation by Operator to generate Gross Receipts from the Property.

7. Limited Liability. Notwithstanding any other provision of this Agreement to the contrary, the Village's obligation to pay the Sales Tax Rebate payments is not and will not be a general debt of the Village or a charge against its general credit or taxing powers, but is and will be a special limited obligation payable solely out of the Municipal Sales Tax received by the Village, as specifically defined in Section 2 of this Agreement. Operator has and will have no right to, and agrees that it may not, compel any exercise of the taxing power of the Village to pay the Sales Tax Rebate payments, and no execution of any claim, demand, cause of action or judgment may be levied upon or collected from the general credit, general funds or other property of the Village. No recourse may be had for any payment pursuant to this Agreement against any past, present, or future director, member, elected or appointed officer, official, agent, representative, employee, or attorney of the Village in their individual capacity.

8. Early Termination Events. The Sales Tax Rebate provided for in Section 5.C of this Agreement shall automatically terminate and Operator must refund to the Village a portion of the Sales Tax Rebate received by Operator prior to the date of the Early Termination Event, as set forth below, if any of the following events occur:

a. The Lease Agreement is terminated or Operator (or its permitted successors or assigns) no longer holds a leasehold interest in the Property;

b. Operator either abandons the Property or ceases to operate a Hometown Coffee & Juice facility (or a successor business permitted by the Corporate Authorities by resolution duly adopted) on the Property for a period of six consecutive months (subject only to a Force Majeure event); or

c. An Operator Event of Default, as set forth in Section 11 of this Agreement, that is not or cannot be cured.

(each individually, an "***Early Termination Event***").

Date of Early Termination Event (In terms of Years following Rebate Commencement Date)	**% of Sales Tax Rebate Payments to be Refunded**
Within One Year	0%
One - Two Years	85%
Two - Three Years	70%
Three - Four Years	55%
Four - Five Years	40%
Five - Six Years	25%
Six - Seven Years	10%
After Seven Years	0%

9. Limitations on Payment of Sales Tax Rebate. Operator acknowledges and agrees that the Property must be used and maintained in strict compliance with all applicable Requirements of Law, and that if Operator fails to comply in all material respects with the Requirements of Law or cure any defects within the time allowed herein, the Village will have the right to suspend payment of the Sales Tax Rebate for the period that Operator is not in material compliance with the Requirements of Law, and the Village will have no further obligation to provide any Sales Tax Rebate to Operator until the Village determines in its reasonable discretion that Operator is in material compliance with the Requirements of Law, at which time all suspended payments will be remitted to Operator. A legal nonconformity created as a result of the Village's amendment to the Requirements of Law subsequent to the Rebate Commencement Date will not constitute a failure of Operator to comply with the Requirements of Law

C. Release of Information.

1. State of Illinois Reports and Data**.** Operator agrees to execute and provide all documentation necessary to cause the Illinois Department of Revenue to release to the Village the Sales Tax generated by Operator from the Property, including copies of State of Illinois Sales Tax Reports, during each of the Sales Tax Years pursuant to applicable State law. Any information received by the Village from Operator under this Agreement will be kept confidential to the extent allowed by the Requirements of Law. Failure by Operator to execute and provide the

documentation required by this Section 5.D will relieve the Village from performance of any duty or obligation under this Agreement until such time as Operator has cured such failure.

2. State Audits and Refunds**.** Operator must timely notify the Village if it initiates any protest or audit of the Sales Taxes remitted from the Property to the State of Illinois, and if the State of Illinois refunds or credits to Operator any portion of the remitted Sales Taxes as a result of the protest or audit. In the event of such a refund or credit, the Village will be entitled to deduct an amount equal to the refunded or credited amount from subsequent payments of Sales Tax Rebates made pursuant to this Agreement.

D. Open Book Development. Operator acknowledges that the amount of the Sales Tax Rebate is based upon the Budget. The Development will be an "open book" project, and Operator will provide the Village full access, upon the Village providing reasonable notice, to all portions of the Development. During business hours and at the office of Operator, upon reasonable prior notice to Operator, Operator will make available for review by the Village and its agents the books and records relating to Operator's costs with respect to the Development to enable the Village to verify the Development's costs, including, without limitation, Operator's, general contractor's, and contractor's sworn statements, general contracts, subcontracts, purchase orders, waivers of lien, paid receipts, invoices, and all other information reasonably requested by the Village. These records will be available for inspection, audit and examination upon at least 24 hours prior written notice. The Village agrees to keep all financial information of Operator confidential, except to the extent required for compliance with any applicable law, rule or regulation. The foregoing Village review and audit rights will terminate upon the voluntary or involuntary termination of this Agreement.

E. Progress Meetings. Operator will at all times have an individual designated as the Village's primary point of contact for matters pertaining to this Agreement. Upon written request of the Village, Operator will meet on a monthly basis with the Village Manager, or their designee, and other Village staff as appropriate, to provide a comprehensive progress report on the Development. Appropriate Development team personnel shall attend the meeting on behalf of Operator and the Village, and Operator will provide information regarding the status of construction and occupancy, pending permit requests, and other logistical information deemed necessary by the Village.

SECTION 6. PERFORMANCE SECURITY.

On or before the date the Village issues a building permit for the Development, Operator must provide performance security for the Development in accordance with the Subdivision Code, Village Code, and all Requirements of Law.

SECTION 7. FEES, DEDICATIONS, DONATIONS, AND CONTRIBUTIONS.

In addition to all other costs, payments, fees, charges, contributions, or dedications required by this Agreement and the Requirements of Law, Operator will pay to the Village all application, inspection, and permit fees, all water and sewer general and special connection fees, tap-on fees, charges, contributions, impact fees, and all other fees, charges, and contributions pursuant to the Requirements of Law, including, without limitation, all Cook County, Metropolitan Water Reclamation District of Greater Chicago, and Village impact fees. The Village may withhold

issuing a building permit for the Development until the Operator has made all payments and taken all actions required by this Section 7.

SECTION 8. **LIABILITY, INDEMNITY OF VILLAGE, AND INSURANCE**.

A. **Village Review**. Operator acknowledges and agrees that the Village is not, and will not be, in any way liable for any damages or injuries that may be sustained as the result of the Village's review and approval of this Agreement or any plans for the Development, or the issuance of any approvals, permits, certificates, or acceptances, for the Development or use of the Development, and that the Village's review and approval of this Agreement or any plans, and issuance of any approvals, permits, certificates, or acceptances, does not, and will not, in any way, be deemed to insure Operator or any of its successors, assigns, tenants and licensees, or any third party, against damage or injury of any kind at any time.

B. **Village Procedure**. Operator acknowledges and agrees that all notices, meetings, and hearings have been properly given and held by the Village with respect to the approval of this Agreement, and Operator agrees not to challenge these approvals on the grounds of any procedural infirmity or of any denial of any procedural right.

C. **Indemnity**. Operator agrees to, and does hereby, hold harmless, indemnify, and, at the election of the Village defend with counsel of the Village's choice, the Village and all Village elected or appointed officials, officers, employees, agents, representatives, engineers, and attorneys, from any and all claims that may be asserted at any time against any of those parties in connection with: (i) the Village's review and approval of this Agreement; (ii) the issuance of any approval, permit, certificate, or acceptance for the Development; and (iii) the development, construction, maintenance, or use of any portion of the Development ("***Indemnified Claims***"); provided, however, that this indemnity does not, and will not, apply to willful misconduct or gross negligence on the part of the Village.

D. **Defense Expense**. Operator, only as to its own acts or omissions, must, and does hereby agree to, pay all expenses, including reasonable legal fees and administrative expenses, incurred by the Village in defending itself with regard to any and all of the Indemnified Claims.

E. **Insurance**. Operator, and its contractors and subcontractors constructing the Development, must obtain and maintain the insurance coverages in **Exhibit E** attached to this Agreement.

SECTION 9. NATURE, SURVIVAL, AND TRANSFER OF OBLIGATIONS.

A. **Obligations.** The parties agree that all charges payable pursuant to this Agreement, together with interest and costs of collection, including reasonable attorneys' fees, constitute both the personal obligation of the party liable for its payment, and the successors of that party.

B. **Binding Effect**. All obligations of Operator under this Agreement are and will be binding upon the following parties: (1) Operator, unless Operator, its successor, and the Village execute a Transferee Assumption Agreement in accordance with Section 9.C of this Agreement; and (2) any and all of Operator's heirs, successors, and assigns.

C. **Transferee Assumption Agreement**. Operator will remain fully bound by this Agreement, whether or not Operator owns any leasehold interest in the Property, unless Operator

and its transferee execute an enforceable written agreement, in a form acceptable to the Village Attorney (***"Transferee Assumption Agreement"***). The transferee must provide the Village, upon request, with reasonable assurances of the financial ability of the transferee to meet Operator's obligations under this Agreement. The Village agrees that upon a transferee becoming bound to the obligation created in the manner provided in this Agreement and providing the financial assurances required pursuant to this Agreement, the liability of Operator will be released to the extent of the transferee's assumption of the liability. The failure of Operator to provide the Village with a copy of a Transferee Assumption Agreement fully executed by the transferee and, if requested by the Village, with the transferee's proposed assurances of financial capability before completing any transfer, will: (1) constitute an Event of Default under this Agreement; and (2) result in Operator remaining fully liable for all of its obligations under this Agreement, but will not relieve the transferee of its liability for all the obligations as a successor to Operator.

D. Required Provisions for Transfers of Interest in the Property. In the event Operator intends to transfer a legal or beneficial interest, including a leasehold, in any portion of the Property, Operator must:

1. Notify the Village in writing at least 30 days prior to any date on which Operator transfers (as that term is defined below) a legal or beneficial interest in any portion of the Property to a third party; and

2. Incorporate this Agreement by reference into any and all lease agreements or real estate sales contracts for transfers, as that term is defined below, entered into for the sale or transfer of all or any portion of the Property by Operator.

For purposes of this Agreement, the term "transfer" includes, without limitation, any assignment, sale, transfer by Operator to a receiver or to a trustee in bankruptcy, transfer in trust, or other disposition by Operator of the Property, or any beneficial interest in the Property, in whole or in part, by voluntary or involuntary sale, foreclosure, merger, sale and leaseback, consolidation, or otherwise.

E. Prohibited Assignments. It is the express intent of the parties that, except as expressly provided or allowed herein, this Agreement, and all of the rights and privileges granted herein, are for the sole and exclusive benefit of Operator for operation of the Development on the Property. Accordingly, notwithstanding any provision of this Agreement, in the event that Operator does, or attempts to, voluntarily or involuntarily transfer its interest in the Development, in whole or in part, without the prior consent of the Corporate Authorities, which consent may be granted or denied in the sole and absolute discretion of the Corporate Authorities, this Agreement, and all of the rights and privileges granted herein, will, at the option of the Village, become null and void and be of no force or effect. Notwithstanding the foregoing, no consent of the Corporate Authorities shall be required for an assignment or sublease to (and this Agreement shall be assignable by Operator to) (i) any parent, subsidiary or affiliate or Operator, (ii) any successor to Operator as a result of a merger or consolidation of Operator, or (iii) a purchaser or all or substantially all of the assets or ownership interests of Operator, so long as in any such event the successor continues to operate the Property primarily as a Hometown Coffee and Juice.

SECTION 10. **TERM**.

This Agreement will commence on the Effective Date and will terminate on the first to occur of: (a) the date which is fifteen years after the Rebate Commencement Date; and (b) the date on which or until Operator receives the Maximum Total Rebate payments from the Village

pursuant to the terms of this Agreement (***"Term"***); provided, however, that the Village's obligation to make Sales Tax Rebate payments will survive the expiration of the Term to the extent that the Village has not at that time received from the State the Municipal Sales Taxes from which the Sales Tax Rebate payments will be made. During the Term, this Agreement inures to the benefit of and is enforceable by Operator and the Village, and any of their respective permitted legal representatives, heirs, grantees, successors, and assigns. The obligations imposed pursuant to Sections 5.C.8 and 8 shall survive termination or expiration of this Agreement.

SECTION 11. EVENTS OF DEFAULT.

A. Operator Events of Default. The following are Operator Events of Default

1. If any representation made by Operator in this Agreement, or in any certificate, notice, demand or request made by Operator in writing and delivered to the Village pursuant to or in connection with this Agreement, proves to be untrue or incorrect in any material respect as of the date made.

2. Subject to cure as set forth in Section 11.C of this Agreement and Uncontrollable Circumstances, failure by Operator in the performance or breach of any covenant, warranty or obligation contained in this Agreement, including specifically, but without limitation, the transfer provisions in Section 9 of this Agreement.

3. Subject to cure as set forth in Section 11.C of this Agreement, Operator fails to pay, or cause to pay, the invoice when due for any fee or utility charge of the Village.

4. Subject to cure as set forth in Section 11.C of this Agreement, Operator is not, or ceases to be, a legal entity qualified to do business in the State of Illinois.

5. The entry of a decree or order for relief by a court having jurisdiction in the premises in respect of Operator in an involuntary case under the federal bankruptcy laws, as now or hereafter constituted, or any other applicable federal or state bankruptcy, insolvency or other similar law, or appointing a receiver, liquidator, assignee, custodian, trustee, sequestrator (or similar official) of Operator for any substantial part of its property, or ordering the winding-up or liquidation of its affairs, and the continuance of any decree or order unstayed and in effect for a period of 60 consecutive days.

6. The commencement by Operator of a voluntary case under the federal bankruptcy laws, as may be amended from time to time, or any other applicable federal or state bankruptcy, insolvency or other similar law, or the consent by Operator to the appointment of or taking possession by a receiver, liquidator, assignee, trustee, custodian, sequestrator (or similar official) of Operator or of any substantial part of the Property, or the making by any of those entities of any assignment for the benefit of creditors or the failure of Operator generally to pay the entity's debts as they become due or the taking of action by Operator in furtherance of any of the foregoing, or a petition is filed in bankruptcy by others.

B. Village Events of Default. The following are Village Events of Default under this Agreement:

1. If any material representation made by the Village in this Agreement, or in any certificate, notice, demand or request made by the Village in writing and delivered to Operator

pursuant to or in connection with any of said documents, proves to be untrue or incorrect in any material respect as of the date made.

2. Subject to Uncontrollable Circumstances, default by the Village for a period of 30 days after written notice from Operator in the performance or breach of any covenant contained in this Agreement; provided, however, that the default will not constitute an Event of Default if it cannot be cured within said 30 days and the Village, within that 30 days, initiates and diligently pursues appropriate measures to remedy the default and in any event cures the default within 90 days after the notice.

C. Cure Period. For all Events of Default identified in Section 11.A for which Operator has the right to cure, Operator must cure the Event of Default within 30 days after receipt of the notice, or, if the Event of Default cannot reasonably be cured within 30 days, Operator must initiate and diligently pursue appropriate measures to remedy the default within 30 days, and in any event must cure the default within 90 days after receipt of the notice.

SECTION 12. REMEDIES AND ENFORCEMENT.

A. Remedies. In the case of an Event of Default:

1. Legal Procedures. Except as otherwise provided in this Agreement, the non-defaulting Party may institute proceedings in law or in equity, or any other proceeding, as may be necessary or desirable at its option to cure or remedy the Event of Default, including, without limitation, proceedings to compel specific performance of the defaulting Party's obligations under this Agreement.

2. Limitation**.** Notwithstanding anything to the contrary contained in this Agreement, Operator may not seek, and does not have the right to seek, to recover a judgment for monetary damages against the Village or any elected or appointed officials, officers, employees, agents, representatives, engineers, or attorneys of the Village, on account of the negotiation, execution, performance, or breach of, or default under, this Agreement. The Parties acknowledge and agree that, except as expressly provided in this Agreement, the covenants and agreements set forth in this Agreement are those of the Parties, and are not the individual covenant or guarantee of any natural person.

B. Prevailing Party. In the event of a judicial proceeding brought by one Party against the other Party on account of the negotiation, execution, performance, or breach of, or default under, this Agreement, the prevailing Party in the judicial proceeding will be entitled to reimbursement from the unsuccessful Party of all costs and expenses, including reasonable attorneys' fees, incurred in connection with the judicial proceeding.

SECTION 13. REPRESENTATIONS AND WARRANTIES.

A. By the Village. The Village represents and warrants, as of the date of execution by the Village of this Agreement, that:

1. The Village is a home rule municipal corporation duly organized and validly existing under the laws of the State of Illinois and has the corporate authority to enter into this Agreement;

2. The execution and performance of this Agreement by the Village: (i) have been duly authorized by all necessary corporate action on the part of the Village; and (ii) do not, for any reason, result in any breach of any agreement or other instrument to which the Village is subject; and

3. To the best of the knowledge of the person executing this Agreement on behalf of the Village there are no actions or proceedings by or before any court, governmental commission, board, bureau, or any other administrative agency pending, threatened, or affecting the Village or the Property in any court or before any governmental authority that involve the possibility of materially or adversely affecting the ability of the Village to perform its obligations under this Agreement.

B. By Operator. Operator, and the person executing this Agreement on behalf of Operator, represent and warrant, as of the date of execution by Operator of this Agreement, that:

1. Operator is a limited liability company duly organized, validly existing, and qualified to do business in Illinois;

1. Operator has the authority to execute and perform this Agreement, and Operator is in compliance with all Requirements of Law, the failure to comply with which could affect the ability of Operator to perform its obligations under this Agreement;

2. The execution and performance by Operator of this Agreement has been duly authorized by all necessary corporate action, and does not violate its organizational documents, any of the applicable Requirements of Law, or constitute a breach of or default under, or require any consent under, any agreement, or instrument to which Operator is now a party or by which Operator is now bound including any mortgages, secured loans, or instruments granting another party a superior interest in the Property or the Development;

3. The applications, plans, materials, and other submissions Operator has provided to the Village: (i) accurately and truthfully represent Operator's capabilities, resources, and intentions for the construction of the Development on the Property; (ii) have induced the Village to enter into this Agreement; and (iii) any material misrepresentation contained in Operator's submissions will constitute an incurable Operator Event of Default pursuant to Section 11 of this Agreement.

4. There are no actions or proceedings by or before any court, governmental commission, board, bureau, or any other administrative agency pending, threatened, or affecting Operator or the Property that involve the possibility of materially or adversely affecting the ability of the Operator to perform its obligations under this Agreement;

5. Operator has sufficient financial and economic resources to implement and complete its obligations under this Agreement; and

6. Operator has no knowledge of any liabilities, contingent or otherwise, of Operator which might have a material adverse effect upon its ability to perform its obligations under this Agreement.

SECTION 14. GENERAL PROVISIONS.

A. Notice. Any notice required to be given under this Agreement must be in writing and must be delivered (i) personally, (ii) by a reputable overnight courier, (iii) by certified mail, return receipt requested, and deposited in the U.S. Mail, postage prepaid, or (iv) by email. Unless otherwise expressly provided in this Agreement, notices will be deemed received upon the earlier of: (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail, as evidenced by a return receipt. Email notices will be deemed received by the addressee upon explicit or implicit acknowledgment of receipt by the addressee. By notice complying with the requirements of this Section, each Party will have the right to change its address or its addressee, or both, for all future notices to the other Party, but no notice of a change of addressee or address will be effective until actually received.

Notices to the Village will be addressed to, and delivered at, the following address:

Village of Northbrook
1225 Cedar Lane
Northbrook, IL 60062
Attention: Village Manager
E-mail: Cara.Pavlicek@Northbrook.il.us

with a copy to:

Elrod Friedman LLP
350 North Clark Street
Second Floor
Chicago, IL 60654
Attention: Steven M. Elrod, Village Attorney
E-mail: steven.elrod@elrodfriedman.com

Notices and communications to the Operator shall be addressed to, and delivered at, the following address:

Hometown Coffee Northbrook, LLC
700 Vernon Ave.
Glencoe, IL 60022
Attention: Lou Rubin
E-mail: lou@hometownglencoe.com

with a copy to:

Samuels & Bernstein
484 Central Avenue
Suite 202
Highland Park, Illinois 60035
Attention: Calvin A. Bernstein
E-mail: cbernstein@sambernlaw.com

and a copy to:

Heston Morton LLP
1811 St. Johns Avenue
Suite 300

Highland Park, IL 60035
Attention: Jeff Richman
E-mail: jrichman@hestonmorton.com

B. Time of the Essence. Time is of the essence in the performance of this Agreement.

C. Rights Cumulative. Unless otherwise provided in this Agreement, all rights, remedies, and benefits provided by this Agreement are cumulative and are not exclusive of any other rights, remedies, and benefits allowed by law.

D. Non-Waiver. No waiver of any provision of this Agreement, and no delay in exercising or failure to exercise any right or authority set forth in this Agreement, will be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor will any waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

E. Consents. Unless otherwise provided in this Agreement, all required permissions, authorizations, approvals, acknowledgments, or similar indications of assent of any Party must be in writing.

F. Governing Laws. This Agreement will be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

G. Venue. Exclusive jurisdiction with regard to any actions or proceedings arising from, relating to, or in connection with this Agreement will be in the Illinois circuit court for Cook County, Illinois, or, where applicable, in the federal court for the Northern District of Illinois.

H. Severability. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions of this Agreement will remain in full force and effect and will in no way be affected, impaired, or invalidated.

I. Entire Agreement. This Agreement constitutes the entire agreement between the Parties, and supersedes any and all previous or contemporaneous oral or written agreements and negotiations between the Parties, with respect to the Development and the Property.

J. Interpretation. This Agreement will be construed without regard to the identity of the Party who drafted the various provisions of this Agreement. Every provision of this Agreement will be construed as though all Parties to this Agreement participated equally in the drafting of this Agreement. Any rule or construction that a document is to be construed against the drafting Party will not be applicable to this Agreement.

K. Exhibits. All exhibits attached to this Agreement are, by this reference, incorporated in, and made a part of this Agreement. The Village Manager is authorized and directed to attach to this Agreement any exhibit designated as "to be provided later" at such time the exhibit becomes available and is agreed upon by the Parties.

L. **Amendments and Modifications**. No amendment to this Agreement will be effective unless and until the amendment is in writing, properly approved in accordance with applicable procedures, and executed by all Parties.

M. **Changes in Laws**. Unless otherwise provided in this Agreement, any reference to the Requirements of Law shall be deemed to include any modifications of, or amendments to, the Requirements of Law that may occur in the future.

N. **Compliance with Laws**. Operator agrees to comply with all Requirements of Law when performing any task associated with this Agreement or the Development.

O. **Disclosures**. Upon the Village's request, Operator will provide a list of all entities owning a greater than one percent interest in Operator. Operator will update this information at the request of the Village. Based in part on the information provided by Operator and in part on information from the Village's independent investigation, the Village will affirm that its Corporate Authorities, and all appropriate Village elected and appointed officials, officers, employees, agents and representatives of the Village have or will comply with the disclosure and conflict-of-interest provisions of the Public Officer Prohibited Activities Act (50 ILCS 105/3), the Act, and the Illinois Governmental Ethics Act (5 ILCS 420).

P. **Standard of Performance**. The Development will be constructed in a good and workmanlike manner and in compliance with (a) all Village ordinances, rules, and regulations; and (b) this Agreement. All improvements to be constructed by Operator for the Development or the Property shall be new and commercially reasonable for their respective kinds for their intended purpose.

Q. **No Third Party Beneficiaries**. The provisions of this Agreement are and will be for the benefit of Operator and Village only and are not for the benefit of any third party, and, accordingly, no third party will have the right to enforce the provisions of this Agreement. The Village will not be liable to any vendor or other third party for any agreements made by Operator, purportedly on behalf of the Village, without the knowledge and approval of the Corporate Authorities.

R. **Counterpart Execution.** This Agreement may be executed in counterparts, each of which is deemed to be an original but all of which will constitute one and the same instrument. Facsimile or electronic counterpart copies of this Agreement will be considered for all purposes, including delivery, as originals.

S. **Freedom of Information Act**. Operator agrees to maintain, without charge, all records and documents concerning or relating to this Agreement, the Property, the Development, and the Village in accordance with the Freedom of Information Act ("***FOIA***") 5 ILCS 140/1, *et seq*. Upon the Village's request, Operator will produce all records reasonably requested by the Village within the timeframe requested by the Village, and if additional time is needed to compile the requested records, Operator will promptly notify the Village. In the event that either party is found to have not complied with FOIA due to the other party's failure to produce documents or otherwise appropriately respond to a request under the Act, then the party failing to produce or respond will indemnify and hold harmless the other party, and pay all amounts determined to be due, including, but not limited to, fines, costs, attorneys' fees, and penalties.

T. **Village Actions, Consents and Approvals**. Unless otherwise provided in this Agreement, any action, consent, or approval needed to be taken or given under this Agreement

by the Village may only be performed by the Village Manager or their designee, to the extent provided for by law.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK – SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Parties hereto have caused this instrument to be executed on the date first above written.

ATTEST:

_____

Name:_____

Its:_____

HOMETOWN COFFEE NORTHBROOK, LLC, an Illinois limited liability company

_____

By:_____

Its: _____

ATTEST:

_____
Village Clerk

[seal]

VILLAGE OF NORTHBROOK, an Illinois municipal corporation

_____
Cara Pavlicek, Village Manager

ACKNOWLEDGEMENT

STATE OF ILLINOIS)
) SS.
COUNTY OF COOK)

This instrument was acknowledged before me on _____, 2026, by Cara Pavlicek, the Village Manager of the **VILLAGE OF NORTHBROOK**, an Illinois home rule municipal corporation, and the Village Clerk of said municipal corporation.

_____
Signature of Notary

SEAL

My Commission expires:

_____

STATE OF ILLINOIS)
) SS.
COUNTY OF COOK)

The foregoing instrument was acknowledged before me on _____ 2026, by _____, the _____of **HOMETOWN COFFEE NORTHBROOK, LLC,** an Illinois limited liability company, as his free and voluntary act in his capacity as _____ of said company for the uses and purposes herein.

_____
Signature of Notary

SEAL

My Commission expires:

_____

EXHIBIT A

Legal Description for Property

P.I.Ns.:

Address: 1290 Shermer Road, Northbrook, Illinois

EXHIBIT B

Depiction of Property

EXHIBIT C

Development Plans

[attached]

EXHIBIT D

Budget

[attached]

EXHIBIT E

INSURANCE REQUIREMENTS

Operator, and its contractors and subcontractors constructing the Development, must obtain and maintain insurance as set forth in this **Exhibit E**.

A. **Worker's Compensation.** Worker's compensation insurance must be obtained with statutory coverage.

B. **Employer's Liability**. Employer's liability insurance must be obtained with coverage limits not less than $500,000 injury per occurrence, $500,000 disease per employee, and $500,000 disease policy limit.

C. **Comprehensive Motor Vehicle Liability.** Comprehensive motor vehicle liability insurance must be obtained with a combined single coverage limit for bodily injury and property damage of not less than $1,000,000 for vehicles owned, non-owned, or rented. All employees must be included as insureds.

D. **Comprehensive General Liability.** Comprehensive general liability insurance must be obtained written on an "occurrence" basis and with coverage limits no less than $2,000,000 for bodily injury and property damage with a combined single limit. Coverage must include a broad form property damage endorsement and a blanket contractual liability endorsement with express coverage of the indemnity provisions of the Agreement.

E. **Professional Liability.** As to any architect engaged by Operator, professional liability insurance must be obtained with a coverage limit of not less than $1,000,000 per occurrence and $2,000,000 in the aggregate and covering the insured against all sums they may be obligated to pay on account of any liability arising out of the Agreement.

F. **Method of Coverage.** Required insurance coverage may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis so that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover the loss.

G. **Additional Insureds.** The following must be named as an additional insured on all policies except for worker's compensation and professional liability: Village of Northbrook, including its President, Board of Trustees, elected and appointed officials, officers, employees, agents, attorneys, and representatives.

H. **Other Requirements.** All policies must be primary and noncontributory to coverage held by the additional insureds listed in Section G, offer the additional insured their choice of counsel and the right to conduct their own defense, and state that coverage applies in the State of Illinois.

I. **Proof of Coverage.** Proof of adequate coverage and compliance with the requirements in this **Exhibit E** must be provided to the Village (1) prior to the commencement of Development construction, and (2) upon Village request.

Resolution 2026-

BE IT RESOLVED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

A Resolution Approving an Amended and Restated Economic Incentive and Development Agreement between the Village of Northbrook and Hometown Coffee Northbrook, LLC

(1290 Shermer Road)

is hereby adopted, as follows:

Section 1. RECITALS.

Hometown Coffee Northbrook, LLC ("***Operator***") entered into a lease for the property located at 1290 Shermer Road, Northbrook, Illinois ("***Property***") for the purpose of constructing improvements for the operation of an approximately 4,450 square foot Hometown Coffee & Juice-branded cafe on the Property selling, among other things, coffee, juice, breakfast, and lunch offerings, with an outdoor patio and indoor private event space ("***Development***").

On November 12, 2024, the Village and Operator entered into an Economic Incentive and Development Agreement ("***2024 Agreement***"), whereby the Village agreed to finance certain costs related to the Development through an economic development loan.

Operator has requested a change to the nature and terms by which the financial incentive is provided and instead of the Village making a loan to Operator and allowing the loan to be forgiven by the sales tax generated from the Development, it is desired that the Village provide a sales tax rebate to Operator consistent with other sales tax rebate agreements previously entered into by the Village for high sales tax generating developments.

The parties desire to enter into an Amended and Restated Economic Incentive and Development Agreement, which will supersede and replace, in its entirety, the 2024 Agreement, to allow the previously authorized incentive to be provided as a sales tax rebate ("***Agreement***").

The Board of Trustees has considered the Agreement and find and determine that it is in the best interest of the Village and the public to approve the Agreement. These matters pertain to the Village's government and affairs and are approved pursuant to the Village's home rule powers under the Illinois Constitution of 1970.

Section 2. APPROVAL OF AGREEMENT.

The Agreement by and between the Village and Operator shall be, and is hereby, approved in substantially the form attached hereto as ***Exhibit A***.

Section 3. EXECUTION OF AGREEMENT.

The Village Manager and Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Agreement upon receipt of at least five copies fully executed by Operator

and any other person or entities whose consent is required. If documents are not received by the Village Clerk within 30 days after the date of adoption of this Resolution, then this authority to execute and seal shall, at the option of the President and Board of Trustees, be null and void.

Section 4. EFFECTIVE DATE.

The approval of this Resolution shall be in full force and effect following its passage by the Board of Trustees in the manner provided by law.

RESULT:
MOVER:
SECONDER:
AYES:

ATTEST:

/s/
Village President

/s/
Village Clerk

MEMORANDUM

To: Village Board of Trustees
From: Village Manager Cara Pavlicek
Date: 2026-04-28
Subject: An Ordinance Amending Chapter 2 of the Northbrook Municipal Code, as Amended, to Establish a Division of Communications

Overview
The proposed amendments codifies Communications as a division of the Village Manager's Office, consistent with the adopted FY27 General Fund budget.

Fiscal Impact
N/A.

Recommendation
Approval.

Background
From time to time the Municipal Code is updated. The recommended updates reflect the organizational chart adopted in the FY27 Budget for the Village Manager's Office which establishes a Director of Communications and codifies this division in Chapter 2, Article III.

An Ordinance Amending Chapter 2 of the Northbrook Municipal Code, as Amended, to Establish a Division of Communications

Ordinance No. 2026-

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Amending Chapter 2 of the Northbrook Municipal Code, as Amended, to Establish a Division of Communications

shall be, and is hereby, adopted as follows:

Section 1. BACKGROUND.

Chapter 2, entitled "Administration," of the Northbrook Village Code, as amended (***"Village Code"***) sets forth the powers and duties of the officers and employees of the Village, as well as the different departments within the Village.

The Village desires to amend the Village Code to clarify and revise certain duties and department designations.

The President and Board of Trustees have determined that it will serve and be in the best interest of the Village and its residents to amend the Village Code in the manner set forth herein.

Section 2. AMENDMENT TO SECTION 2-118 OF THE VILLAGE CODE.

Section 2-118, entitled "Powers and Duties Generally" of Article III, entitled "Officers, Employees and Independent Contractors" of Chapter 2, entitled "Administration," of the Village Code shall be amended to read as follows:

"Sec. 2-118. - Powers and duties generally.

****

(e) The village manager may establish a division of communications within the village manager's office to include a director of communications who shall be appointed by the village manager and shall be responsible for the management of all matters pertaining to:

1) Administering day-to-day communications strategy, programing, and public engagement;

2) Promotion of the Village's mission, vision, values, strategic goals, and brand reputation;

3) Performing necessary duties in the creation of content across platforms, including, without limitation, press releases, articles, presentations, newsletters, and official correspondence;

4) **Serving as Public Information Officer in emergency operations as assigned by the village manager; and**

5) **Performing such other functions as may be required by the village manager or other provisions of this Code.**"

Section 3: EFFECTIVE DATE.

This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

_____
Village President

ATTEST:

_____
Village Clerk

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: An Ordinance Amending Section 27-32 of the Northbrook Municipal Code, as Amended, Regarding Inspections

Overview
Chapter 27 of the Municipal Code is being updated to reflect State law requirements for the frequency of Village surveys and related inspections of industrial, commercial, and other properties connected to the Village water system for cross connection control requirements.

Fiscal Impact
N/A.

Recommendation
Approval.

Background
The recommended amendment to Chapter 27 removes the existing requirement for surveys and investigations of cross connections to be conducted every two years and instead allows the survey schedule to be determined by the Director of Public Works. The language proposed for amendment was aligned with the State requirements when adopted. These requirements have since changed and the amendment aligns local requirements with the Illinois Environmental Protection Agency's (IEPA) current survey requirement of three year survey standard while maintaining full compliance with the Illinois Department of Public Health regulations. By revising the code to give the Director the flexibility to set the survey and investigation frequency based on actual conditions or potential risks to the Village water system, the Village remains compliant with the regulatory requirements without compromising public safety.

Both the IEPA and IDPH require surveys and inspections to identify and eliminate cross connections. The IEPA mandates that water systems conduct surveys every three years, while the IDPH enforces standards for annual testing, certification, and proper maintenance of backflow prevention devices. This annual testing ensures all cross connections are identified and appropriately managed.

Approval of the amendment poses no increased risk to the water supply or any reduction in the Village's cross connection or backflow prevention oversight.

AN ORDINANCE AMENDING SECTION 27-32 OF THE NORTHBROOK MUNICIPAL CODE, AS AMENDED, REGARDING INSPECTIONS

ORDINANCE NO. 2026-

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

AN ORDINANCE AMENDING SECTION 27-32 OF THE NORTHBROOK MUNICIPAL CODE, AS AMENDED, REGARDING INSPECTIONS

shall be, and is hereby, adopted as follows:

Section 1. BACKGROUND.

The Village of Northbrook provides water to residential, commercial and industrial customers through its Water Plant and water distribution system. As the owner and operator of the Village's water system, the Village is required to implement rules and ordinances regarding cross connection control as required by the Illinois Department of Health. This includes steps to prevent the backflow of water from customers internal plumbing into the Village water system.

The Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs and that protect the public health, safety, and welfare of its citizens.

Chapter 27, Section 27-32 of Northbrook Village Code, as amended (***"Municipal Code"***), sets forth regulations that pertain to water, sewers and sewage disposal.

Pursuant to the Village's home rule powers, the President and Board of Trustees have determined that it will serve and be in the best interest of the Village and its residents to amend the Municipal Code in the manner set forth herein.

Section 2. AMENDMENTS TO SECTION 27-32 OF THE MUNICIPAL CODE.

Section 27-32 entitled "Inspections," of Chapter 27 entitled "Water, Sewers and Sewage Disposal" of the Municipal Code shall be amended to read in its entirety as follows, with additions in **double underline** and deletion ~~struck through~~:

"**Sec. 27-32. - Inspections.**

(a) The director of development and planning services, through their licensed plumbing inspector, is hereby authorized at any reasonable hour to inspect any water or sewer line on or within the premises of any water user for the purpose of determining compliance with this Code and all applicable standard operating procedures. The right of inspection shall include, but not be limited to:

(1) Verifying information submitted by the water user for the cross-connection control surveys mandated by subparagraph (b) of this section;

(2) Obtaining or verifying information regarding any water (potable or non-potable) or sewer piping system or systems within the physical limits or operational control of the premises;

(3) Verifying the presence or absence of any condition known or reasonably suspected to be an actual or potential hazard to the village water system.

(b) The director of public works shall cause surveys and investigations to be made of industrial, commercial and other properties served by the village water system to determine whether actual or potential hazards to the village water system may exist. Such surveys and investigations shall be made a matter of public record and shall be **conducted and** repeated **as often** ~~at least every two years, or more frequently~~ as the director of public works shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least five years.

(c) The refusal of a water user to cooperate in the inspection or survey of their water or sewer system as required in subparagraphs (a) and (b) of this section shall be deemed prima facie evidence of the presence of improper connections to, or contributors to an actual or potential hazard to the village water system and shall be subject to the penalty provisions of sections 1-13 through 1-17 of this Code."

Section 3: EFFECTIVE DATE.

This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

_____
Village President

ATTEST:

_____
Village Clerk

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Public Works Kelly Hamill
Date: 2026-04-28
Subject: An Ordinance Amending Chapter 24 of the Northbrook Municipal Code Concerning Parking in Municipal Off-Street Parking Lots

Overview
On December 9, 2025, the Village Board approved Ordinance 2025-80 which discontinued Vehicle Licenses, commonly referred to as Vehicle Stickers and this action will remove all remaining references in the Municipal Code.

Fiscal Impact
N/A.

Recommendation
Approval.

Background
On December 9, 2025, the Village Board approved Ordinance 2025-80 repealing Chapter 15, Article XIX of the Municipal Code Entitled "Vehicle Licenses" effective May 1, 2026. A reference to Vehicle Licenses/Vehicle Stickers remains in Section 24-139 of the Municipal Code. As such, this segment of Municipal Code requires amendment to remove reference to vehicle stickers.

Section 24-139 of the Municipal Code currently reads:

"Sec. 24-139 - Resident parking only.
Only vehicles of persons residing within the corporate limits of the village, as evidenced by the display of a valid village vehicle sticker issued by the village, may use the parking spaces listed in the Annual Fee Ordinance."

The proposed change to the Municipal Code reads as follows:

"Sec. 24-139. - Resident parking only.
Vehicles registered with the State of Illinois to addresses within the corporate limits of the village may use any parking space in municipal off-street parking facilities, provided the

requirements of Sections 24-134 and 24-135 of this Code are met. All other vehicles registered to addresses not within the corporate limits of the village shall be limited to parking in spaces 1-134 and 529-585."

In conjunction with this change, the Public Works Department will be updating the signage in the East, West, and North Commuter Lots to reflect the elimination of the vehicle stickers. The Police Department will continue to enforce resident only parking restrictions by checking individual license plates.

An Ordinance Amending Chapter 24 of the Northbrook Municipal Code Concerning Parking in Municipal Off-Street Parking Lots

Ordinance 2026 - _____

An Ordinance Amending Chapter 24 of the Northbrook Municipal Code Regarding Resident Parking in Municipal Off-Street Parking Lots

Passed by the Board of Trustees, _____
Printed and Published _____

Printed and Published in Pamphlet Form
by Authority of the
President and Board of Trustees
VILLAGE OF NORTHBROOK
COOK COUNTY, ILLINOIS

I hereby certify that this document
was properly published on the date
stated above.

_____
Village Clerk

Ordinance 2026 - _____

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois, THAT:

An Ordinance Amending Chapter 24 of the Northbrook Municipal Code Regarding Resident Parking in Municipal Off-Street Parking Lots

shall be, and is hereby, adopted as follows:

Section 1. BACKGROUND

The Village Board adopted Ordinance 2025-80 on December 9, 2025, which repealed Chapter 15, Article XIX of the Northbrook Municipal Code ("***Municipal Code***") entitled "Vehicle Licenses" effective May 1, 2026. This amendment to the Municipal Code eliminated vehicle stickers, however, a reference to "vehicle stickers" remains in Section 24-139 of Chapter 24 of the Municipal Code.

The Village desires to amend Section 24-139 of Chapter 24 of the Municipal Code to remove references to Village vehicle stickers and clarify availability of spaces in municipal off-street parking lots for non-residents.

The President and Board of Trustees have determined that it will serve and be in the best interest of the Village and its residents to amend the Municipal Code in the manner set forth herein.

Section 2. AMENDMENTS TO CHAPTER 24 OF THE MUNICIPAL CODE

Section 24-139, entitled "Resident Parking Only" of Article VI, entitled "Municipal Off-Street Parking Lots" of Chapter 24, entitled "Traffic," of the Municipal Code shall be amended to read as follows (**added text bold and double underlined**; ~~deleted text struck through~~):

"**Sec.24-139. - Resident parking only.**

~~Only vehicles of persons residing within the corporate limits of the village, as evidenced by the display of a valid village vehicle sticker issued by the village, may use the parking spaces listed in the Annual Fee Ordinance.~~ **Vehicles registered with the State of Illinois to addresses within the corporate limits of the village may use any parking space in municipal off-street parking facilities, provided the requirements of Sections 24-134 and 24-135 of this Code are met. All other vehicles registered to addresses not within the corporate limits of the village shall be limited to parking in spaces 1-134 and 529-585.**"

Section 3. EFFECTIVE DATE

This Ordinance shall be in full force and effect ten days after its passage, approval and publication in pamphlet form as provided by law.

Adopted:

RESULT:
MOVER:
SECONDER:
AYES:
NAYES:
ABSTAIN:
ABSENT:

_____
Village President

ATTEST:

_____

MEMORANDUM

To: Village Manager Cara Pavlicek
From: CFO Steve Drazner
Date: 2026-04-28
Subject: An Ordinance Adopting and Authorizing Updates to the Village of Northbrook Annual Fee Ordinance

Overview
The Village uses a single schedule for all fees and charges called the Annual Fee Ordinance (AFO). The AFO is presented annually in advance of the new fiscal year and may be amended from time to time as required.

Fiscal Impact
Changes to the AFO will have an overall positive impact to Village revenues and cash position.

The full AFO fee schedule shown as Exhibit A is attached and proposed changes to current fees and/or taxes are shown under the FY 2027 column. If fields in the FY 2027 column are blank, this means that no recommended change is being recommended by staff to the specific fee or tax listed in the FY 2026 column.

The AFO includes non-fee regulations as well (such as parking restrictions). The non-financial AFO is included herein as Exhibit B.

Recommendation
Approval.

Background
The Village uses a single schedule for all fees and charges called the Annual Fee Ordinance (AFO). The data included in the FY 2026 column reflects the fees/regulations currently in force. Only proposed changes to current fees and/or taxes are shown under the FY 2027 column. Therefore, if fields in the FY 2027 column are blank, this means that staff is not recommending any change to that specific fee or tax listed in the FY 2026 column.

It is estimated that the proposed fee increases will generate in the range of $200,000 to $300,000 of additional revenue per year, after excluding the elimination of the vehicle sticker fees which have previously been rolled into the property tax levy. Please note (assuming that the Board adopts the AFO as recommended) that most of the recommended fee changes

administered by the Development and Planning Services (DPS) Department will have an effective date of July 1, 2026, while all the other AFO fee changes as shown shall become effective with the new fiscal year starting on May 1, 2026. A July 1, 2026 effective date for the DPS fees is necessary to provide time for the Village to notify the public of the fee changes.

It is noted that the recommended AFO includes the existing $25 temporary food permit fee (generally issued to special event permit holders when food is being served/sold) and new temporary food permit fees that escalate when completed applications are not submitted to the Village within required timeframes for special event as follows:

- Existing: $25 Permit for temporary food service when completed application is submitted no less than ten (10) calendar days prior to the event.
- New: $50 Permit for temporary food service when completed application is submitted no less than five (5) calendar days prior to the event.
- New: $100 Permit for temporary food service when completed application is submitted no less than three (3) calendar days prior to the event.

The Village contracts with a food inspector to locally enforce safe food handling regulations established at the State and County level. The new fees will offset the cost increase to the Village when applications are not submitted within established timeframes.

Included with this agenda item is a memo from DPS Director McEwan further explaining the rational for their recommended fee changes.

An Ordinance Adopting and Authorizing Updates to the Village of Northbrook Annual Fee Ordinance
Exhibit A- FY27 AFO Financial Sections Requested Changes.pdf
Exhibit B- FY27 AFO NON-Financial Requested Changes.pdf
Memo DPS Director McEwan.pdf

Ordinance 2026-

BE IT ORDAINED by the President and Board of Trustees of the Village of Northbrook, County of Cook and State of Illinois THAT:

An Ordinance Adopting and Authorizing Updates to the Village of Northbrook Annual Fee Ordinance

shall be, and is hereby, adopted as follows:

Section 1. AUTHORITY.

This Ordinance is adopted pursuant to and in accordance with Section 1-11 of the Northbrook Municipal Code.

Section 2. SHORT TITLE.

This Ordinance shall be known as the "Annual Fee Ordinance" as provided herein.

Section 3. APPLICABILITY.

Each fee, charge, rate, or regulatory measure set forth in this Ordinance and corresponding ***Exhibit A*** attached thereto shall apply to the provisions of each indicated section of the Northbrook Municipal Code and other pertinent Code Sections or Ordinances in which a reference is made to the "Annual Fee Ordinance". This Ordinance shall not apply or have any effect on fees, taxes, or regulatory measures which do not expressly reference the "Annual Fee Ordinance".

It is intended that fees, charges, rates, and regulatory measurers set forth herein will be reviewed periodically by the President and Board of Trustees. Accordingly, these may be modified from time to time by separate Ordinance.

Section 4. EFFECTIVE DATE.

This Ordinance shall become effective the later of May 1, 2026 or ten days after its passage and approval in the manner provided by law unless specifically indicated otherwise in ***Exhibit A***.

PASSED: This_____day of April, 2026

AYES: ( )

NAYS: ( )

ABSENT: ( )

ABSTAIN: ( )

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF NORTHBROOK
ANNUAL FEE ORDINANCE - FEE SECTIONS

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 5:Schedule of Fees,Charges & Rates	**Section 5 - Schedule of Fees, Charges and Rates**		
Section 1-12(c) & 2-177:Payment of Fees	Payment of Fees - Insufficient Funds	$50.00	
Section 1-12(d):Payment of Fees	Payment of Fees - Delinquent Payments	$50.00	
Section 1-13(a):General Penalty	General Penalty	Not less than $25.00 and not more than $750.00	
Section 1-13(b):General Penalty	General Penalty - Maximum Fine	$750.00	
Section 1-13(d):General Penalty	General Penalty - Maximum Fine When Summons Served By Certified Mail	$200.00	
Chapter 2 : Administration	**Chapter 2 - Administration**		
Section 2-4(b):Access to Records	**Village Codes:**	**Price per unit**	
Section 2-4(b):Access to Records	Building Codes	$0.10 per page	
Section 2-4(b):Access to Records	Village Code Amendments	$0.10 per page	
Section 2-4(b):Access to Records	Village Codes: Municipal Copies	$0.10 per page	
Section 2-4(b):Access to Records	Zoning Code	$0.10 per page	
Section 2-4(b):Access to Records	Land Use/Comprehensive Plan	$0.10 per page	
Section 2-4(b):Access to Records	**Maps:**		
Section 2-4(b):Access to Records	Zoning - small (24 " x 36")	$12.00	
Section 2-4(b):Access to Records	Zoning - large (42 x 60)	$20.00	
Section 2-4(b):Access to Records	Base -large (36 x 48)	$15.00	
Section 2-4(b):Access to Records	Street (11 x 17)	$2.00	
Section 2-4(b):Access to Records	**Miscellaneous:**		
Section 2-4(b):Access to Records	Village Budget	$0.10 per page	
Section 2-4(b):Access to Records	Standards & Specifications for Public and Private Improvements	$0.10 per page	
Section 2-4(b):Access to Records	Subdivision & Development Code 1991	$0.10 per page	
Section 2-4(b):Access to Records	Municipal Code Supplement	$0.10 per page	
Section 2-4(b):Access to Records	Xerox Copy of Architectural Plans (each sheet)	$3.00	
Section 2-4(b):Access to Records	Xerox Copies b/w (per page 8 1/2 x 11 and 8 1/2 x 14) First 50 pages	Free	
Section 2-4(b):Access to Records	Additional Pages	$.10 per side	
Section 2-4(b):Access to Records	Xerox Copies b/w (oversize page)	$0.50	
Section 2-4(b):Access to Records	Xerox copies - color (8 1/2 x 11)	$0.50	
Section 2-4(b):Access to Records	Xerox copies - color (oversize page)	$1.50	
Section 2-4(b):Access to Records	Microfilm copies (per page - 8 1/2 x 11)	$0.75	
Section 2-4(b):Access to Records	Microfilm copies (per oversized page)	$1.25	
Section 2-4(b):Access to Records	Certified document (per certification cost)	$1.00	
Section 2-4(b):Access to Records	All publications not specified herein	$0.10 per page	
Section 2-4(b):Access to Records	other media - diskettes	$0.25	
Section 2-4(b):Access to Records	DVD	$1.00	
Section 2-4(b):Access to Records	USB Flash Drive	$3.00	
Section 2-4(b):Access to Records	Electronic Records: PDF Format - For not more than 80 MB of data	$20.00	
Section 2-4(b):Access to Records	Electronic Records: PDF Format - For 80 MB to 160 MB of data	$40.00	
Section 2-4(b):Access to Records	Electronic Records: PDF Format - For more than 160 MB of data	$100.00	
Section 2-4(b):Access to Records	Additional Costs will be accessed for any item listed in section 2-4(b) that is required to be mailed.	Postage & Packaging Cost	
Section 2-4(b):Access to Records	**3rd Party Charges:** Charges for services or work by, or products or materials from third party, in responding to information/service requests, will be billed to and paid by the requester/petitioner at cost.		
Section 2-118 (19): **For special services rendered by the Village in amounts that do notthe maximum amounts specified in the annual fee ordinance.**	Labor, time and material charges per the department schedules, attached hereto as Exhibits A-D and made a part hereof.	**See Exhibits A,B,C,D**	
Section 2-118 (22):	50/50 Parkway Tree Program	$175.00	
Section 2-(176):Handling of Revenues	**Form of payment shall include cash, check, credit and debit card, and wire transfer/electronic funds transfers (EFT).** The Village Manager may enter into agreements to accept credit cards and debit cards on terms that are not less advantageous than are commonly available to organizations accepting this form of payment.	No Fee/ Information Only	
Section 2-177 and 1-12:	The fee for a returned check	$50.00	
Section 2-192(a) 1:Cemetery Costs	Fee to Purchase Cemetery Plot	$2,500.00	
Section 2-192(d):	Fee to Purchase Memorial Garden Plot at St. Peter Cemetery	$550.00	
Section 2-192(d):	Transaction Fee	$100.00	
Section 2-192(d):	Burial - Full Casket	Village's Current Contractual Costs as Approved by Resolution	
Section 2-192(d):	Burial - Cremation	Village's Current Contractual Costs as Approved by Resolution	
Section 2-192(d):	Head Stone Foundation - (No Apron per cubic foot)	Village's Current Contractual Costs as Approved by Resolution	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 2-192(d):	Head Stone Foundation - (With 3" Apron, per cubic foot)	Village's Current Contractual Costs as Approved by Resolution	
Section 2-192(d):	Head Stone Foundation Removal (Per Cubic Foot)	Village's Current Contractual Costs as Approved by Resolution	
Section 2-192(d):	Setting of Bronze Plaque - (St. Peter Cemetery Only)	Village's Current Contractual Costs as Approved by Resolution	
Division 24: Section	**Administrative Hearing System**		
Section 2-767: Administrative costsand interest charges	Except as Otherwise Provided by law, Interest on Any Judgment Shall accrue at the Rate set for Interest upon Judgments pursuant to the Illinois Code of Civil Procedure (735 ILCS 5/2-1303)	$50.00	
Chapter 3: Public Safety			
Section 3-43 (a):Police Alarms Service Charges	**Police Alarms Service Charge for alarm occurrences in a single year:**		
Section 3-43 (a):Police Alarms Service Charges	Zero - two (per each alarm occurrence)	$0.00	
Section 3-43 (a):Police Alarms Service Charges	Three - five (per each alarm occurrence)	$120.00	
Section 3-43 (a):Police Alarms Service Charges	Six - nine (per each alarm occurrence)	$240.00	
Section 3-43 (a):Police Alarms Service Charges	Ten -eleven (per each alarm occurrence)	$480.00	
Section 3-43 (a):Police Alarms Service Charges	Twelve or more (per each alarm occurrence)	$1,000.00	
Section 3-58(a):Initial Fee	Police Alarm User permit fee	$25.00	
Section 3-58 (b):	Police Alarm user permit annual renewal fee	$20.00	
3-61:Connection to Police AlarmCommunication Center	Connection to police alarm communication center		
Section 3-61:Monthly Service Fee	Police Alarm Board Connection fee (No New Connections)	$250.00	
Section 3-83(a): Fire, Medical and Elevator Alarms.	**Service Charge for Non-bona fide Fire, Medical, and/ or Elevator Emergency Alarm Occurrences in Single Year:**		
Section 3-83(a):	Zero - two (per each alarm occurrence)	$0.00	
Section 3-83(a):	Three - five (per each alarm occurrence)	$120.00	
Section 3-83(a):	Six - nine (per each alarm occurrence)	$240.00	
Section 3-83(a):	Ten -eleven (per each alarm occurrence)	$480.00	
Section 3-83(a):	Twelve or more (per each alarm occurrence)	$1,000.00	
Section 3-84:Connection to fire alarmCommunication Center	Fire Alarm Connection	$250.00	
Section 3-84:Fire AlarmAnnual Fee Service	**Monthly Fee Service:** (Such fees shall be waived for municipal facilities of the Village, the Northbrook Public Library and the Northbrook Park District)	$32.75 monthly ($393.00 annually)	Effective 5/1/26 $72.00 monthly ($864.00 annually)
Section 3-137(a)	Ambulance Transport Mileage Fee	$15.00	
Section 3-137(b)(1)	Resident Ambulance Transport Fee	As set forth in Fire Department Annual Cost Report	Effective 5/1/26 As set forth in Fire Department Annual GEMT Cost Report and as approved by Illinois Department of Healthcare and Family Services (HFS)
Section 3-137(b)(2)	Non-Resident Ambulance Transport Fee	As set forth in Fire Department Annual Cost Report	Effective 5/1/26 As set forth in Fire Department Annual GEMT Cost Report and as approved by Illinois Department of Healthcare and Family Services (HFS)
Chapter 4: Alcoholic Liquor	**Chapter 4 - Alcoholic Liquor**		
Section 4-4(b) (12):Fine for Violations	Base Fine Amount (Each day a violation continues constitute a separate offense)	$1,000.00	
	Maximum Fine Amount: (Maximum imposed against any license during the term of the license)	$10,000.00	
Section 4-53:SupplementalApplications	**Supplemental Liquor License Application Fee**	$25.00	
Section 4-54:Maximum Number of Licenses	**Maximum number of alcoholic beverages licenses by classification available at any time for issuance**		
Section 4-54:	**Class**	**Number of Licenses**	
Section 4-54:	**Class A** which shall authorize and allow the prime function of retail sale on the premises specified of alcoholic beverages for consumption only upon the premises where sold, which premises shall be a restaurant, or an entertainment facility with a restaurant, where the food service component of the business is operational during the hours of sale and service of alcoholic liquor and a printed menu is on display and in effect, plus any secondary liquor function or combination thereof as set forth in section 4-55 of the Municipal Code.	36	
Section 4-54:	**Class B** which shall authorize and allow the prime liquor function of retail sale of alcoholic beverages in original package form only for consumption off the premises specified. Class B licenses authorize sale of all alcoholic beverages.	12	
Section 4-54:	**Class B-1** which shall authorize and allow the prime liquor function of retail sale of alcoholic beverages in original package form only for consumption off the premises specified. Class B-1 licenses authorize sale of beer and wine only.	3	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 4-54:	**Class C** which shall authorize and allow the retail sale of alcoholic beverages on the premises specified of any club for consumption only upon such premises.	1	
Section 4-54:	**Class D** which shall temporarily recognize such existing alcoholic beverage licensing and privileges thereunder as are valid at the time of property annexation by the village.	No Limit	
Section 4-54:	**Class E** which shall authorize and allow the prime function of retail sales on the premises specified of alcoholic beverages limited to beer and wine for consumption only upon the premises where sold, which premises shall be a restaurant, or an entertainment facility with a restaurant, where the food service component of the business is operational during the hours of sale and service of beer and wine and a printed menu is on display and in effect, plus any secondary liquor function or combination thereof as set forth in section 4-55**.**	5	
Section 4-54:	**Class F** which shall be issued only to the holder of a valid class "B" or "B-1" license and which shall authorize (a) the conducting of tasting classes or seminars, at a nominal charge to cover the cost of the products tasted, on the licensed premises with service of small and limited amounts of products for tasting purposes only, or (b) the giving away, without charge, on the licensed premises of alcoholic beverages in small and limited amounts for tasting purposes only, immediately prior and incident to, the sale of alcoholic beverages in the original package for consumption off the premises. Such classes, seminars and giving away shall be subject to any conditions and restrictions imposed by the local liquor control commissioner and board of trustees pursuant to section 4-61 of the Municipal Code.	5	
Section 4-54:	**Class G** which shall authorize and allow the service of alcoholic liquor in conjunction with, and as an incidental part of, the catering of food for parties and special events at premises not otherwise licensed as a "class A" premises and for consumption only on the premises where the food is served. The sale of alcoholic liquor shall be incidental to the service of food. **Class G licenses authorize an unlimited number of parties and special events within the license period.**	1	
Section 4-54:	**Class G-1** which shall authorize and allow the service of alcoholic liquor in conjunction with, and as an incidental part of, the catering of food for parties and special events at premises not otherwise licensed as a "class A" premises and for consumption only on the premises where the food is served. The sale of alcoholic liquor shall be incidental to the service of food. **Class G-1 licenses authorize a party or event held on a single day.**	2	
Section 4-54:	**Class H** which shall be issued only to the holder of a valid class "B" or "B-1" license (a) which generates more than eighty (80) percent of its gross annual revenue from the sale of wine, and which shall authorize the sale and service of wine by the glass. Such license shall be subject to: a)The condition that the number of customers currently drinking wine within the licensed premises may not exceed, at any time, the number of then-available chairs within the licensed premises on which the customers may be seated and the number of chairs within the licensed premises may not exceed the number specified in the license, which number may not exceed sixteen (16); and b)Any other conditions and restrictions imposed by the local liquor control commissioner and board of trustees pursuant to section 4-61 of the Municipal Code.	0	
Section 4-54:	**Class I** which shall authorize and allow the service of beer and wine only brought by a customer into a restaurant for consumption only upon those premises, subject to: a)The service of beer and wine must be incidental and complementary to the service of a meal. b)The license does not authorize the sale of any alcoholic liquor by the licensee. c)The licensee may charge a corkage fee. d)The licensee shall not permit any customer to leave the premises with any open beer container or any open wine container other than a single bottle of wine secured in compliance with the requirements of Section 6-33 of the State Liquor Control Act [235 ILCS 5/6-33].	0	
Section 4-54:	**Class J** which shall authorize and allow the retail sale of alcoholic beverages only for consumption on the premises of a hotel.	2	
Section 4-54:	**Class K** which shall authorize and allow the retail sale of alcoholic beverages for consumption only on the premises where sold in conjunction with the operation of a golf course (public, semi-public, or private).	2	
Section 4-54:	**Class L** which shall authorize and allow the retail sale of alcoholic beverages only for consumption on the premises of, and in conjunction with, the operation of a movie theater, subject to the conditions as stated in the Municipal Code Section 4-48.	1	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 4-54:	**Class M** which shall authorize and allow the retail sale on the premises specified of alcoholic beverages for consumption only upon the premises where sold, which premises shall be a restaurant where the food service component of the business is operational during the hours of sale and service of alcoholic liquor and a printed menu is on display and in effect, in Northbrook Court Shopping Center as stated in Municipal Code Section 4-54.	No Limit	
Section 4-54:	**Class N** which shall authorize the retail sale specified alcoholic beverages for a specific event on the premises specified and for which the license is issued.	No Limit	
Section 4-54:	**Class O** which shall authorize and allow the retail serving of alcoholic beverages in the form of beer and wine, for consumption only on the licensed premised, and only as an incidental part of a business with a primary function either as (i) a full service personal care services establishment, or (ii) a retail establishment for the sale of non-food goods and services.	No Limit	
Section 4-54:	**Class P-1** which shall authorize and allow a tasting room on the site of a distillery with on-site production and storage on the premises of not more than 100,000 gallons per year, and the sale of such alcohol in package form for consumption off the premises.	0	
Section 4-54:	**Class P-2** which shall authorize and allow a tasting room on the site of a craft brewery or brew pub with on-site production and storage on the premises of not more than 155,000 gallons of beer per year, and the sale of such alcohol in package form for consumption off the premises.	0	
Section 4-54:	**Class Q** which shall authorize and allow the retail sale of alcoholic beverages for consumption only upon the premises for which the license is issued for a specific event of a unique nature on the premises specified and a premises for which no other license is in effect. Shall be issued only to for-profit entitles and organizations.	0	
Section 4-54:	**Class Q-1** which shall authorize and allow the retail sale of alcoholic beverages for consumption only upon the premises for which the license is issued for a specific event of a unique nature on the premises specified and a premises for which no other license is in effect. Shall be issued only to a local, not-for-profit civic or community organization or unit of local government (including villages, school districts, park districts, library board).	No Limit	
Section 4-54:	**Class R** which shall authorize the retail sale of alcoholic beverages at self-service establishments.	0	
Section 4-55(a):Alcoholic BeverageInitial Application Fee	**Alcoholic Beverages Initial Application Fee**	**Application Fee Cost**	
Section 4-55(a):	**Class A, B, B-1, D, J, L, P-1, P-2, R**	$2,200.00	
Section 4-55(a):	**Class C**	$1,325.00	
Section 4-55(a):	**Class E**	$1,100.00	
Section 4-55(a):	**Class F**	$100.00	
Section 4-55(a):	**Class G**	$1,000.00	
Section 4-55(a):	**Class G-1**	$250.00 per event	
Section 4-55(a):	**Class H**	$100.00	
Section 4-55(a):	**Class I**	$250.00	
Section 4-55(a):	**Class K**	$1,750.00	
Section 4-55(a):	**Class M** For licensees holding a current and valid Class A or Class E license from the Village	$25.00	
Section 4-55(a):	**Class M** For licensees not holding a current and valid Class A or Class E license from the Village	$75.00	
Section 4-55(a):	**Class N**	$50.00 for one event	
Section 4-55(a):	**Class N**	$400.00 for a one-time application for up to 10 events	
Section 4-55(a):	**Class O**	$1,000.00	
Section 4-55(a):	**Class Q**	$500.00 per event; or $275.00 as secondary function for holder of current license	
Section 4-55(a):	**Class Q-1**	No Fee	
Section 4-55(b):Alcoholic BeverageAnnual Fee	**Alcoholic Beverages Annual Fee**		
Section 4-55(b):	**Class A, B, B-1, L, P-1, P-2, R**	$2,000.00	
Section 4-55(b):	**Class C**	$1,400.00	
Section 4-55(b):	**Class D**	As Applicable	
Section 4-55(b):	**Class E**	$1,130.00	
Section 4-55(b):	**Class F and G**	$1,000.00	
Section 4-55(b):	**Class G-1**	$250 per event	
Section 4-55(b):	**Class H**	$275.00	
Section 4-55(b):	**Class I**	$750.00	
Section 4-55(b):	**Class J**	$3,000.00	
Section 4-55(b):	**Class K**	$1,500.00	
Section 4-55(b):	**Class M**	No Additional Fee	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 4-55(b):	**Class N**	Not renewable	
Section 4-55(b):	**Class O**	$750.00	
Section 4-55(b):	**Class Q**	Not renewable	
Section 4-55(b):	**Class Q-1**	Not renewable	
Section 4-55(c):Secondary Function	Secondary Function - Additional Fee:	$275.00	
Section 4-55(f):Hearing Fee	Non-Refundable Hearing Fee	$50.00	
Section 4-55(g):Fingerprinting Fee	Police Department Fingerprinting Fee: (for each Person to be Fingerprinted in connection with Liquor License Permit Application) (Additional fees charged by the Illinois State Police will be required)	$25.00	
Section 4-80: EnforcementViolations and Penalties	Enforcement: Violations and Penalties	$25 - $750 per day	
Chapter 5: Animals	**Chapter 5 - Animals**		
Section 5-3 (b)	Procedures non-exclusive: fees and Penalties		
Section 5-6 (4)	Harboring, ownership, and ground feeding of dangerous, vicious, or wild animals prohibited.		
Section 5-8:Rabies Emergencies	Impounding Fee (properly licensed animal)	$20.00	
Section 5-13:Humane Care	Humane Care - (minimum/maximum fine for each offense)	$25.00 - $500.00	
Section 5-14:Cruelty to Animals- Fines	Cruelty to Animals - (minimum/maximum fine for each offense)	$35.00 - $500.00	
Section 5-15 (b):Nuisance Animals- Fines	**Nuisance Animals Violation Fines**		
Section 5-15 (b):Nuisance Animals- Fines	**First Offense** - minimum/maximum fine	$25.00- $100.00	
Section 5-15 (b):Nuisance Animals- Fines	**Second Offense** - minimum/maximum fine (within a consecutive 12 month period)	$30.00- $500.00	
Section 5-15 (b):Nuisance Animals- Fines	**Third Offense** - minimum/maximum fine (within a consecutive 12 month period)	$50.00 - $500.00	
Section 5-15 (b):Nuisance Animals- Fines	**Fourth Offense** - minimum/maximum fine (within a consecutive 12 month period)	$150.00 - $500.00	
Section 5-15 (b):Nuisance Animals- Fines	And/or order to remove such animal permanently from Village with 24 hrs. of such order.	for all offenses	
Section 5-17	Removal of Excrement	$25.00 - $500.00	
Section 5-36 (c):License Generally	Dog or Cat License Tag Fee - Unsterilized Animal	$20.00	
	Dog or Cat License Tag Fee - Neutered or Spayed Animal	$10.00	
Section 5-39 (c):Breeder/Hobbyist permit	Breeder Permit Fee: Professional	$110.00 min. plus $20.00/animal or $12.00/animal in excess of six (6)	
Section 5-39 (c):Breeder/Hobbyist permit	Hobbyist Permit Fee:	$50.00 min. plus $20.00/animal or $10.00/animal in excess of three (3)	
Section 5-41:Biting Animals, Dangerous Dogs andVicious Dogs	Fines (minimum/maximum fine for each offense)	$25.00 - $500.00	
Chapter 6: Building & Construction Regulations	**Chapter 6 - Building and Construction Regulations**		
Chapter 6: Building &Construction Regulations	**General Building Permit Application Fees**		
Section 6-9:General BuildingPlan Review Fees and Debts	**Single Family Permit Application Deposit**		
Section 6-9:General BuildingPlan Review Fees and Debts	Single-family residence - new building	$1,000.00	
Section 6-9:General BuildingPlan Review Fees and Debts	Single-family residence - addition	$250.00	
Section 6-9:General BuildingPlan Review Fees and Debts	Single-family residence – interior alteration (new or moved interior walls)	$100.00	
Section 6-9:General BuildingPlan Review Fees and Debts	Basement finishing	$100.00	
Section 6-9:General BuildingPlan Review Fees and Debts	Detached garage	$100.00	
Section 6-9:General Building Plan Review Fees	**Multi-Family & Commercial Permit Application Deposit for New Construction or Structural Addition/Alteration**		
Section 6-9:General Building Plan Review Fees	New Multi-Family, or Non-Residential Building - New Construction	$1,000.00	
Section 6-9:General Building Plan Review Fees	Multi-Family, or Non-Residential Building - Addition	$750.00	
Section 6-9:General Building Plan Review Fees	Multi-Family, or Non-Residential Building - Interior Alteration	$100.00	
Section 6-9:Fire Inspection Plan Review Fees	**Fire Inspection Plan Review Fees**		
Section 6-9:Fire Protection Permit	**Fire Protection Permit with Life Safety Building Review:** Fee includes basic life safety plan review and final inspection of the completed project. Additional plan reviews such as sprinkler and/or fire alarm reviews are in addition to this fee.	Minimum fee $70.00 or $10 per 1000 sq. ft. (whichever is greater)	
Section 6-9:Sprinkler System	**Sprinkler System**: Plan review fees include a hydrostatic inspection and one final inspection of the complete system. **1 to 20 Sprinklers**	$175.00	
Section 6-9:Sprinkler System	**Sprinkler System**: Plan review fees include a hydrostatic inspection and one final inspection of the complete system. **21 to 100 Sprinklers**	$360.00	
Section 6-9:Sprinkler System	**Sprinkler System**: Plan review fees include a hydrostatic inspection and one final inspection of the complete system. **101 to 200 Sprinklers**	$430.00	
Section 6-9:Sprinkler System	**Sprinkler System**: Plan review fees include a hydrostatic inspection and one final inspection of the complete system. **201 to 300 Sprinklers**	$500.00	
Section 6-9:Sprinkler System	**Sprinkler System:** Plan review fees include a hydrostatic inspection and one final inspection of the complete system. **301 Sprinklers and up**	$680.00 plus $1.00 for each additional head	
Section 6-9:Fire Pumps	**Fire Pumps Review:** Plan Review Fees Final Inspection of the completed System	$165.00	
Section 6-9:Standpipe Systems	**Standpipe Systems:** Plan Review Fees Include a Hydrostatic Inspection and one Final Inspection of the Completed System **(Per System)**	$165.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-9:Residential 13D Sprinkler Systems	**Residential 13D Sprinkler Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **1 to 20 Sprinklers**	$175.00	
Section 6-9:Residential 13D Sprinkler Systems	**Residential 13D Sprinkler Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **26 to 50 Sprinklers**	$190.00	
Section 6-9:Residential 13D Sprinkler Systems	**Residential 13D Sprinkler Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **51 to 100 Sprinklers**	$200.00	
Section 6-9:Residential 13D Sprinkler Systems	**Residential 13D Sprinkler Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **100 Sprinklers Plus**	$200.00 plus $1.00 for each additional head	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **1 to 25 Devices**	$140.00	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **26 to 50 Devices**	$300.00	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **51 to 75 Devices**	$500.00	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **76 to 100 Devices**	$650.00	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **101 to 125 Devices**	$850.00	
Section 6-9:Fire Detection and Alarm Systems	**Fire Detection and Alarm Systems:** Fees Include Plan Review and Final Inspection of the Completed System: **126 Plus Devices**	$850.00 plus $6.00 each additional device	
Section 6-9:Special Type Systems	Special Type Systems: Fees Include Plan Review Final Inspection of the Completed System: **Wet Chemical**	$280 Plus $100 for Each Additional System	
Section 6-9:Additional Inspections	Additional Inspections: A field Compliance Inspection is Provided Within the Fire Department Review and Inspection Fee Structure. Additional Inspections Required to Provide Compliance will be Billed as the following	$65.00/hr., one hour minimum	
Section 6-9:Additional Reviews	Additional Reviews: An Initial Plan Review and One Re-submittal Review Fee is Captured in the Plan Review Costs.	Based Upon 50% of the Initial Review Costs.	
Section 6-9:Fire Protection Plan Reviewby Consultants	Fire Protection Plan Review by Consultants: Consultants Fees for Fire Protection Plan Reviews will be Billed:	Plus $100.00 or 10% of fee (Whichever is greater)	
Section 6-9: **Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees**	**Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees**		
Section 6-9: **Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection**	Permit and general inspection fees for a new single ~~family~~ unit and individual multi unit residence	$3.00 per square foot of floor area.	
Section 6-9: **Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees**	Permit and general inspection fees for an addition and interior alteration to a single or individual multi unit ~~family~~ residence	$3.00 per square foot of floor area.	Effective 7/1/26 $3.00 per square foot of floor area with a minimum of $280.00
~~**Section 6-9:**~~ ~~**Single Family & Individual Multi Unit Residential Construction Permit Issuance & Inspection**~~	~~Permit and general inspection fees for an interior alteration for to a single or multi unit family residence~~	$3.00 per square foot of floor area with a minimum of $280.00.	Remove Effective 7/1/26
~~**Section 6-9:**~~ ~~**Single Family & Individual Multi Unit Residential Construction Permit Issuance & Inspection**~~	~~Permit and general inspection fees for basement finishing in a single or multi unit family residence~~	$3.00 per square foot of floor area.	Remove Effective 7/1/26
Section 6-9: **Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees**	**Multi-Unit New & Non-Residential Building Construction Permit Issuance & Inspection Fees**		
~~**Section 6-9:**~~ ~~**Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees**~~			Remove Effective 7/1/26
~~**Section 6-9:**~~ ~~**Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees**~~	~~Up to $ 5,000~~	$75.00	Remove Effective 7/1/26
~~**Section 6-9:**~~ ~~**Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees**~~	~~$5,001 - $25,000~~	75.00 plus $11.50 per each $1,000 or fraction thereof in excess of $5,000.	Remove Effective 7/1/26
~~**Section 6-9:**~~ ~~**Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees**~~	~~over $25,000~~	$300.00 plus $10.50 per each $1,000 or fraction thereof in excess of $25,000.	Remove Effective 7/1/26

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-9: Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees	Construction Value up to $7,000,000		Effective 7/1/26 $600.00 Application Fee + 1.4% of CV
Section 6-9: Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees	Construction Value exceeding $7,000,000		Effective 7/1/26 $600.00 Application Fee + 1.2% of CV
Section 6-9: Special Feature - Single & Individual Multi Unit Residential Permit & Inspection Fees	Special Feature - Single & Individual Multi Unit Residential Permit & Inspection Fees		
Section 6-9:Special Feature -Permit & Inspection Fees	Fence (per lot) less than 60 feet in total length	$30.00	
Section 6-9:Special Feature -Permit & Inspection Fees	Fence (per lot)	$60.00	
Section 6-9:Special Feature -Permit & Inspection Fees	Decks	Minimum of $70.00	
Section 6-9:Special Feature -Permit & Inspection Fees	Detached Garage	$300.00	
Section 6-9:Special Feature -Permit & Inspection Fees	~~Residential~~ Pool or spa	$750.00	
~~Section 6-9:Special Feature -Permit & Inspection Fees~~	~~Commercial Pool or Spa~~	$1,000.00	Remove Effective 7/1/26
Section 6-9: ~~Power Back-up Generator~~ Special Feature - Permit & Inspection Fees	Power Back-up Generator~~: (residential)~~	$150.00	
~~Section 6-9: Power Back-up Generator~~	~~Generator: (Commercial) Under 10,000 square feet or non-life safety related generator~~	$350.00	Remove Effective 7/1/26
~~Section 6-9: Power Back-up Generator~~	~~Generator: (Commercial) 10,000 to 50,000 square feet~~	$500.00	Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential ~~Power Back-up Generator~~ Alternative Energy	Solar or other Alternative Power Source for an attached or detached single or individual multi unit ~~family home~~ residence	$250.00	
~~Section 6-9: Power Back-up Generator~~	~~Solar or other Alternative Power Source for Multiple Family or Non-Residential Use~~	$300.00 plus $10.50 per each $1,000 or fraction thereof in excess of $25,000 construction value	Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees (General Plumbing)		
Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Minimum fee for a plumbing permit and inspection	$70.00	
Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Replacement of existing water heater	$50.00	
Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Lawn sprinkler system	$75.00	
~~Section 6-9:Single Family Construction:~~	~~Single Family Construction~~		Remove Effective 7/1/26
~~Section 6-9:Single Family Construction:~~	~~Single-family residence - new building~~	Charge is included in general permit fee	Remove Effective 7/1/26
~~Section 6-9:Single Family Construction:~~	~~Single-family residence - addition, alteration, fire/accident restoration, or other when general building permit is issued~~	Charge is included in general permit fee	Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Plumbing Alteration or Remodel~~	~~Multi-Family & Non-Residential Plumbing: New Construction, Alteration or Remodel:~~		Remove Effective 7/1/26
~~Section 6-9: General Construction & Occupancy~~	~~General Construction and Occupancy~~		Remove Effective 7/1/26
~~Section 6-9: General Construction & Occupancy~~	~~Minimum Fee or under 1500 square feet~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: General Construction & Occupancy~~	~~Per additional 1000 square feet over 1500~~	$25.00	Remove Effective 7/1/26
~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Restaurant, Medical, Specialty Care and Similar High Plumbing Fixture Uses/Structures~~		Remove Effective 7/1/26
~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Minimum Fee or under 1500 square feet~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Per additional 1000 square feet over 1500~~	$50.00	Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees	Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation and Air Conditioning Permit & Inspection Fees		
~~Section 6-9: Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees~~	~~General Mechanical & HVAC~~		Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees	Minimum fee for a mechanical, HVAC permit and inspection	$70.00	
Section 6-9: Single & Individual Multi Unit Residential ~~Single Family~~ Construction	Single & Individual Multi Unit Residential ~~Single Family~~ Construction		
~~Section 6-9: Single Family Construction~~	~~Single-family residence - new building~~	Charge is included in general permit fee	Remove Effective 7/1/26
~~Section 6-9: Single Family Construction~~	~~Single-family residence - addition~~	Charge is included in general permit fee	Remove Effective 7/1/26
Section 6-9: Fireplace	New Fireplace (per fireplace)	$100.00	
Section 6-9: Fireplace	New gas fireplace (per fireplace)	$100.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-9: Single & Individual Multi Unit Residential Furnace	Replacement of existing furnace or similar	$50.00	
Section 6-9: Single & Individual Multi Unit Residential Furnace	Addition of new furnace or air conditioner	$100.00	
~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Multi-Family & Non-Residential Mechanical Alteration or Remodel~~		Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Remodeling Activity Where HVAC previously exists: Minimum Fee or under 1500 square feet~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Remodeling Activity Where HVAC Previously Exists: Per additional 1000 square feet over 1500~~	$15.00	Remove Effective 7/1/26
~~Section 6-9: New Construction or Occupancy of Space Where HVAC did not exist~~	~~New Construction or Occupancy of Space Where HVAC did not exist. Minimum Fee or under 1500 square feet~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: New Construction or Occupancy of Space Where HVAC did not exist~~	~~New Construction or Occupancy of Space Where HVAC did not exist. Per additional 1000 square feet over 1500~~	$25.00	Remove Effective 7/1/26
Section 6-9 Single & Individual Multi Unit Residential Other Mechanical Replacement	Single & Individual Multi Unit Residential Other Mechanical Replacement		
Section 6-9 Single & Individual Multi Unit Residential Other Mechanical Replacement	Single & Individual Multi Unit Residential Boiler	$400.00	
~~Section 6-9 Other Mechanical Replacement~~	~~Cooling Tower with Structural Work~~	$600.00	Remove Effective 7/1/26
~~Section 6-9 Other Mechanical Replacement~~	~~Cooling Tower Replacement (no structural work)~~	$200.00	Remove Effective 7/1/26
~~Section 6-9 Other Mechanical Replacement~~	~~Chiller Replacement with structural Work~~	$300.00	Remove Effective 7/1/26
~~Section 6-9 Other Mechanical Replacement~~	~~Chiller Replacement without structural work~~	$200.00	Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential Electrical Permit & Inspection Fees	Single & Individual Multi Unit Residential Electrical Permit & Inspection Fees		
~~Section 6-9: Other Major Rooftop Mechanical~~	~~Other Major Rooftop Mechanical~~	$200.00	Remove Effective 7/1/26
Section 6-9: Single & Individual Multi Unit Residential General Electric Work	General Electric Work Minimum fee for an electrical permit and inspection	$70.00	
Section 6-9: Single & Individual Multi Unit Residential Electric Service Change (meters)	Electric Service Change (meters): One meter, Minimum Fee	$70.00	
Section 6-9: Single & Individual Multi Unit Residential Electric Service Change (meters)	Per additional meter	$30.00	
Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)	Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)		
Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)	One panel, Minimum Fee	$200.00	
Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)	2-5 panels	$350.00	
Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)	Each additional 5 panels or part thereof over	$30.00	
~~Section 6-9: Single Family~~	~~Single-family residence - new building, addition, or alteration, basement finishing.~~	Charge is included in general permit fee	Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel~~	~~Multi-Family & Non-Residential Electric: New, Alteration or Remodel:~~		Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel~~	~~Minimum Fee or under 1500 square feet~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel~~	~~Per additional 1000 square feet over 1500~~	$50.00	Remove Effective 7/1/26
~~Section 6-9: Parking Lot Lighting~~	~~New Parking lot lighting: (For each set of four light poles)~~	$200.00	Remove Effective 7/1/26
~~Section 6-9: Parking Lot Lighting~~	~~New Parking lot lighting: (For each additional four poles or fraction thereof.)~~	$200.00	Remove Effective 7/1/26
Section 6-9: Fees for Demolition Activity	Fees for Demolition Activity		
Section 6-9: Residential Demolition	Residential Demolition		

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-9: Residential Demolition	Demolition Permit & Inspection Fee for entire single or individual multi unit residence. ~~family home.~~	$750.00	
Section 6-9: Residential Demolition	Demolition permit for detached garage.	$100.00	
Section 6-9: Residential Demolition	Interior demolition permit - single ~~family~~ or individual multi-~~family~~ unit residential (when separate from a permit for construction)	$100.00	
Section 6-9: Residential Demolition	Residential Tear-Down (Demolition), and In-Fill Building Permit Supplemental Escrow.	A cash escrow of $5,000.00 shall be established prior to issuance of a permit for demolition.	
Section 6-9: Non-Residential Demolition	**Non-Residential Demolition**		
Section 6-9: Non-Residential Demolition	Demolition Permit & Inspection Fee - non-residential interior	$250.00	Effective 7/1/26 $600.00 Application Fee + $250
Section 6-9: Non-Residential Demolition	Non-residential entire structure demo	$750.00	Effective 7/1/26 $600.00 Application Fee + $750
Section 6-9: Non-Residential Demolition	**Demolition and In-Fill Building Permit Supplemental Escrow.**	A cash escrow of $5,000.00 shall be established prior to issuance of a permit for demolition.	
Section 6-9 : New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees	**New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees**		
Section 6-9 : New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees	Plan review fee for elevators, man lifts, escalators - freights and wheelchair lifts, dumbwaiters, dock lifts	$105.00	
Section 6-9 : New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees	Fee for additional plan reviews for elevators, escalators, etc. (beyond one plan review)	$100.00	
Section 6-9 : New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees	Fee for inspection of new elevator, escalator, etc. (includes 2 inspections)	$220.00	
Section 6-9 : New/Replacement Elevator, Escalator & Similar Specialty Mechanical Fees	Re-inspection fee for additional inspections required for compliance.	$100.00	
Section 6-9: Permit - Removal of Elevator, Escalator, etc. From Service	Permit for removal of elevator, escalator or similar from service	$325.00	
Section 6-9: Semi-Annual Elevator, Escalator & Similar Specialty Mechanical Plan Inspection Fees	**Elevator, Escalator & Similar Specialty Mechanical Plan Inspection Fees**		
Section 6-9: Semi-Annual Elevator, Escalator & Similar Specialty Mechanical Plan Inspection Fees	Annual Inspection and certificate issuance fee for elevators, man lifts, escalators, etc.	$150.00	
Section 6-9: Semi-Annual Elevator, Escalator & Similar Specialty Mechanical Plan Inspection Fees	Re-inspection fee for additional inspections required for compliance	$100.00	
Section 6-9: Semi-Annual Elevator, Escalator & Similar Specialty Mechanical Plan Inspection Fees	Late payment fee for escalator inspection or certificate	$15.00 charge for each 30-day period	
Section 6-9: Miscellaneous Building Permits			
~~**Section 6-9: Miscellaneous Building Permits**~~	~~Construction Trailer Permit Fee~~	$250.00	Remove Effective 7/1/26
Section 6-9: Miscellaneous Building Permits	**Residential** Interior Drain Tile Permit Fee	minimum of $210.00; dependent upon scope of work	
Section 6-9: Miscellaneous Building Permits	**Residential** Shed	minimum of $70.00 dependent upon size of shed	
Section 6-9: Miscellaneous Building Permits	**Residential** Patio/Driveway	minimum of $70.00	
~~**Section 6-9: Miscellaneous Building Permits**~~	~~Wireless Cellular Antenna Panel Equipment Swap Out or Similar Equipment Change Permit Fee~~	$250.00	Remove Effective 7/1/26
~~**Section 6-9: Miscellaneous Building Permits**~~	~~Wireless Cellular Antenna Tower - Addition of New Array/Platform Permit Fee~~	Minimum $750.00	Remove Effective 7/1/26
Section 6-9: Sign Permit & Inspection Fees	**Sign Permit & Inspection Fees**		
Section 6-9: Sign Permit & Inspection Fees	Permanent Ground or Freestanding Sign - illuminated - Per sign	$150.00	
Section 6-9: Sign Permit & Inspection Fees	Permanent Ground or Freestanding Sign - non-illuminated - Per sign	$100.00	
Section 6-9: Sign Permit & Inspection Fees	Wall Sign - illuminated - Per sign	$150.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-9: Sign Permit & Inspection Fees	Wall Sign - non-illuminated - Per sign	$100.00	
Section 6-9: Sign Permit & Inspection Fees	Construction or Real Estate Sign (if greater than 6 square feet) - Per sign	$75.00	
Section 6-9: Sign Permit & Inspection Fees	Temporary event signs and banners: (except for civic displays: for which no fee shall be charged) - Per event	$75.00	
Section 6-9: Sign Permit & Inspection Fees	Other non-illuminated Sign Permit requiring a permit as specified in Zoning Code - Per sign	$75.00	
Section 6-9: Sign Permit & Inspection Fees	Other illuminated Sign Permit requiring a permit as specified in Zoning Code - Per sign	$150.00	
Section 6-9: Administrative Fees	**Administrative Fees**		
Section 6-9 : Work Initiated Without a Permit	Work Initiated Without a Permit (not subject to a citation)	Penalty fee of $100.00 or up to 50% of total building permit fee.	
Section 6-9: Work Initated Without a Permit	Change of contractor without proper notification	Penalty fee of $250.00	
Section 6-9:	Re-inspection fee for all permits requiring more than two (2) similar type inspections	$75 per discipline per inspection.	
Section 6-9:	Fee for Renewal of an Expired Permit	$250.00 a month	
Section 6-9:	Alterations to Approved Plans (Permit Revisions)	Minimum $70 per discipline, or as approved by Code Official based on scope of change, for each request.	
Section 6-9:	Issuance of a Stop Work order and/or resuming work after issuance of a Stop Work Order	$500 per incident, payable prior to resuming authorized work.	
Section 6-9:	Additional charge for inspections that are after normal business hours	$150.00	
Section 6-9: Fees	Off-Site Utility Improvements Escrow (Base Fee)	$5,000.00	
Section 6-10: Municipal Property Damage Deposit: Fees/Escrow Deposit for Work Within Village Right-of-Way	**Fees/Escrow Deposit for Work Within Village Right-of-Way:** Fee for work within Village right-of-way (other than street opening work)		
Section 6-10: Municipal Property Damage Deposit: Fees/Escrow Deposit for Work Within Village Right-of-Way	Fee for work within Village right-of-way (other than street opening work)	$180.00	
Section 6-10: Municipal Property Damage Deposit: Fees/Escrow Deposit for Work Within Village Right-of-Way	Deposit for work within Village right-of-way (Frontage Deposit)	$1,000.00	
Section 6-12 (b)(2): Certificates of Occupancy	**Section 6-12 - Certificates of Occupancy**		
Section 6-12 (b)(3): Certificates of Occupancy	Monthly Temporary Certificate of Occupancy Fee	$250.00	
Section 6-12 (b)(3) (c): Certificates of Occupancy	Amount of Cash Deposit or Letter of Credit for Temporary Certificate of Occupancy for Single Family Structure (Building Items Only)	Minimum $3,000.00 + $100.00 Administration Fee	
Section 6-14: Right to Appeal	Appeal of an order, requirement, decision or determination of the code official	$250.00	
Section 6-15(a): Residential Tear-down and In-fill Building Permit Supplemental Escrow	Residential Tear-down and In-fill Building Permit Supplemental Escrow		
Section 6-17: Vacant Building	Vacant building compliance inspection fee	$500.00	
Section 6-17:	Vacant building registration fee	$200.00	
Section 6-52(13)	114.4 Violation penalties (Building Code)	$50.00-$10,000 for each violation	
Section 6-63(21)	R113.4 Violation penalties (Residential Code)	$50.00-$10,000 for each violation	
Section 6-95 and 15-783 Registration Required	Electrical Contractor - Registration required.		
Section 6-102(9)(c): Fire Lanes	Fine Lane Recording Fee:	$75.00	
Section 6-102(9)(d): Fire Lane Sign	Fire Lane Sign Fee	$26.50	
Section 6-102(9)(e): Fire Lane Violation	Fire Lane Violation Fine	$100.00	
Section 6-104.3: Correction of Violations	Failure to correct any violations cited by the fire chief pursuant to Section 12-2 of the Code following an initial inspection shall result in the following penalties:		
Section 6-104.3: Correction of Violations	After 60 Days Following the Initial Notice of the Violation:	$50.00	
Section 6-104.3: Correction of Violations	After 90 Days Following the Initial Notice of the Violation:	$100.00	
Section 6-104.3: Correction of Violations	After 120 Days Following the Initial Notice of the Violation:	$200.00	
Section 6-104.3: Correction of Violations	For every 30 Days thereafter:	$500.00	
Section 6-112: International Property Maintenance Code		$50.00-$10,000 for each violation	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 6-182 & 6-9: Site Grading, Drainage & Soil Erosion/Sedimentation Control	Grade and Drainage Alteration Permit Fee: Permits Required	$100.00	
Chapter 7: RESERVED	**Chapter 7 - RESERVED**		
Chapter 8: RESERVED	**Chapter 8 - RESERVED**		
Chapter 9: Construction of Utility Facilities in the Public Rights - of -Way	**Chapter 9 - Construction of Utility Facilities in the Public Rights - of - Way**		
Section 9-17(f) : Application Fees	Permit Fee - Per each 1500 feet of Lineal Feet or Portion Thereof	$90.00	
Section 9-63 (d)(15)	Permit Fee - Single Small Wireless Facility	$650.00	
Section 9-63 (d)(15)	Permit Fee - Single Small Wireless Facility Applications of two to twenty five Locations	$350.00 per SWF IL Small Wireless Facilities Deployment Act	
Section 9-63 (d)(15)	Permit Fee - Single Small Wireless Facilities that Include the installation of a New Utility Pole	$1,000.00	
Section 9-63 (d)(15)	Annual fee for collocation per Village Utility Pole within the Public Rights-Of-Way	$200.00	
Section 9-63 (d)(15)	Annual fee for collocation per Village Utility Pole not within the Public Rights-Of-Way	$5,000.00	
Chapter 10: Cable & Video Communications	**Chapter 10 - Cable and Video Communications**		
Section 10-382 Penalties	**Schedule of penalties for any material breach of the Cable and Video Protection Law**	Not more than $750.00 for each day of the material breach, and not more than $25,000.00 for each occurrence of a material breach per customer	
Chapter 11 - Reserved	**Chapter 11 - Reserved**		
Chapter 12 - Reserved	**Chapter 12 - Reserved**		
Chapter 13 - Reserved	**Chapter 13 - Reserved**		
Chapter 14 - Reserved	**Chapter 14 - Reserved**		
Chapter 15: Licenses, Permits and Misc. Business Regulations	**Chapter 15 - Business Licenses and Registration**		
Section 15-7 (d): Business License Fee: (For 1/2 Year)	In the case of licenses issued on an annual basis on or after October 1 of any year beginning in 2025. **(Only for the Balance of the year)**	1/2 of the Annual Fee	
Section 15- 10 : Business License Renewal	Late Penalty for Annual Business License: Class 1, Class 2 and Mandetory Business Registrations	$75.00	
Class 1 Business Licenses			
Section 15-24 (a) Amusements: a Class 1 Business License Fee:	Golf courses, driving ranges and miniature golf courses	$100.00	
Section 15-24 (a) Amusements: c, e Class 1 Business License Fee:	Carnivals or circus, public dance	$2,000.00	
Section 15-24 (a) Amusements: f Class 1 Business License Fee:	Motion picture theaters	$1,000.00	
Section 15-24 (a) Amusements: b, d Class 1 Business License Fee: 2,500 gross sf or less	Bowling alleys and bocce courts. Coin operated amusement devises	$75.00	
Section 15-24 (a) Amusements: b, d Class 1 Business License Fee: 2,501 gross sf or more	Bowling alleys and bocce courts. Coin operated amusement devises	$150.00	
Section 15-24 (b) All retails sales and service establishments: a, b Class 1 Business License Fee: 2,500 gross sf or less	Dry cleaners, laundries and laundromats. Automobile sales and service establishments.	$75.00	
Section 15-24 (b) All retails sales and service establishments: a, b Class 1 Business License Fee: 2,501 gross sf or more	Dry cleaners, laundries and laundromats. Automobile sales and service establishments.	$150.00	
Section 15-24 (c) Food establishments Class 1 Business License Fee: 2,500 gross sf or less	Food establishments, including food service establishments, food processing and food stores	$75.00	
Section 15-24 (c) Food establishments Class 1 Business License Fee: 2,501 gross sf or more	Food establishments, including food service establishments, food processing and food stores	$150.00	
Section 15-24 (c) Food establishments Class 1 Business License Fee: Temporary	Temporary food service establishments and temporary retail food stores when completed application is submitted no less than ten (10) calendar days prior to the event.	$25.00	
Section 15-24 (c) Food establishments Class 1 Business License Fee: Temporary	Temporary food service establishments and temporary retail food stores when completed application is submitted no less than five (5) calendar days prior to the event.		$50.00
Section 15-24 (c) Food establishments Class 1 Business License Fee: Temporary	Temporary food service establishments and temporary retail food stores when completed application is submitted no less than three (3) calendar days prior to the event.		$100.00
Section 15-24 (e) Health Clubs, spas, and sports/athletic training facilities Class 1 Business License Fee: 2,500 gross sf or less	Health clubs, spas, sports/athletic training facilities	$75.00	
Section 15-24 (e) Health Clubs, spas, and sports/athletic training facilities Class 1 Business License Fee: 2,501 gross sf or more	Health clubs, spas, sports/athletic training facilities	$150.00	
Class 2 Specialized Business Licenses			
Section 15-34 (a) Raffles	Raffles	$30.00	
Section 15-34 (b) Second Hand Dealers	Second Hand Dealers	$150.00	
Section 15-34 (c) Retail sales of tobacco	Retail sales of tobacco	$750.00	
Section 15-34 (d) Retail sales of Cannabis	Retail sales of Cannabis	$750.00	
Section 15-34 (f) Special Events	Special Events	$750.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 15-34 (i) Mobile Food Trucks/Service Establishments	Mobile Food Trucks/Service Establishments	$200.00	
Section 15-34 (i) Scavengers	Scavengers	$200.00	
Mandatory Business Registration			
Section 15-45 (a) All Industial and Manufacturing	All Industial and Manufacturing	$50.00	
Section 15-45 (b) Day care homes	Day care homes	$50.00	
Section 15-45 (c) Nursing homes, personal care facilities - including home based	Nursing homes, personal care facilities - including home based	$250.00	
Section 15-45 (d) Solicitors	Solicitors	$50.00	
Section 15-352: Hotel or Motel	Hotel or Motel License Fee	$1,500.00	
Section 15-694: Vehicle Licenses	Fines Related to Violation of Vehicle Licenses (Not less than and not more than)	$50.00 - $55.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Automobiles **Through July 31st**	$35.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Automobiles **After July 31st**	$43.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Hybrid Vehicle **Through July 31st**	$17.50	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Hybrid Vehicle **After July 31st**	$21.50	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Motorcycles **Through July 31st**	$14.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Motorcycles **After July 31st**	$17.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 8,000 and less) **Through July 31st**	$35.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 8,000 and less) **After July 31st**	$43.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 8,001 - 10,000) **Through July 31st**	$41.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 8,001 - 10,000) **After July 31st**	$51.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 10,001 - 12,000) **Through July 31st**	$47.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 10,001 - 12,000) **After July 31st**	$59.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 12,001 - 24,000) **Through July 31st**	$52.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 12,001 - 24,000) **After July 31st**	$65.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 24,001 - 45,000) **Through July 31st**	$65.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 24,001 - 45,000) **After July 31st**	$82.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 45,001 and more) **Through July 31st**	$89.00	Remove Effective 5/1/26
Section 15-697(b): Motor Vehicle License Fees	Village Motor Vehicle License Fee: Trucks, Trailers, RVs (Gross Weight 45,001 and more) **After July 31st**	$113.00	Remove Effective 5/1/26
Section 15-697(c): License Replacement Fee	Theft or Destruction Replacement Fee	$1.00	Remove Effective 5/1/26
Section 15-697(d): Transfer Fee	License Transfer Fee	$1.00	Remove Effective 5/1/26
Section 15-697(a)(6): Governmental Vehicle Fee	Governmental Vehicle Fees	$1.00	Remove Effective 5/1/26
Section 15-697(b): Senior Citizens	Rates of Senior Citizens: The license for automobiles, motorcycles and recreational vehicles owned by persons 65 and over shall be one-half of the applicable fee, except that the Theft or Destruction Replacement and Transfer fees shall not be so reduced.	half of the applicable fee	Remove Effective 5/1/26
Section 15-697(b): New Vehicle Fee	The license fee for motor vehicle licenses purchased within 45 the fee shown in the "Through July 31st" (above). However, the license fee for motor vehicles purchased on or after January 1 of any licensing year shall be one-half of the otherwise applicable new vehicle fee.		Remove Effective 5/1/26
Section 15-710 and 15-796: Sealcoat Contractors License	Sealcoat Contractors	$70.00	
Section 15-731: Concrete Contractors License	Concrete Contractor Business License Fee	$70.00	
Section 15-741: General Contractors License	General Contractor Business License Fee	$100	
Section 15-755: Plumbing Contractors License	Plumbing Contractor Business License Fee	$0.00	
Section 15-769: Sewer & Drain Layer Contractors License	Sewer & Drain Layer Contractor Business License Fee	$70.00	
Section 15-783 & 6-95: Electrical Contractors License	Electrical Contractor Business License Fee	$70.00	
Section 15-796: Paving Contractors License	Concrete, Asphalt or Landscape Paver Contractor Business License Fee	$70.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 15-796: Pavement/Sealing Contractors License	Driveway/parking lot **or** Sealcoat Contractor License Fee	$70.00	
Section 15-809: Dumpster Operator License	License Fee for Construction Debris Dumpsters/Dumpster Operators	$60.00	
Section 15-824(a): Commercial Solicitation	Application fee for Commercial Solicitation Permit: **Business Organizations**	$30.00	
Section 15-824(a): Commercial Solicitation	Application fee for Commercial Solicitation Permit: **For each solicitor**	$15.00	
Section 15-872: Sale of Category III Firearms & Ammunition	Licenses Required for the Sale of Category III Firearms and Ammunition: **Maximum Number of Licenses**	0 License	
Section 15-873: Firearms Annual License Fee	Category III Firearms and Ammunition Annual License Fee	$2,000.00	
Section 15-873: Firearms Annual License Fee	Home Based Business Category III Firearms and Ammunition Annual License Fee	$200.00	
Section 15-877: Firearms License Term	License Term: January - December	One Calendar Year Term	
Section 15-897: Fine Upon Conviction	Category y III Firearms and Ammunition Fine upon Conviction	Not Less Than $500.00	
Section 15-922: Fraudulent Sales	Fraudulent Sales License Fee: (Per Initial license or Renewal)	$75.00	
Section 15-922: Fraudulent Sales	Fraudulent Sales License Fee: (30 Day Extension)	No Charge	
Section 15-963: Massage Establishments	Massage Establishment Application License/Yearly Fee	$250.00	
Section 15-963: Massage Establishments	Home Based Business Massage Establishment Application License/Yearly Fee	$50.00	
Section 15-964 (d): Massage Establishments	Massage Establishment: Police Department Fingerprinting Fee for each person to be fingerprinted in connection with permit application. (Additional fees charged by the Illinois State Police will be required)	$25.00	
Section 15-964 (k): Investigation Fees	Costs Associated with any investigation or Criminal Background Check of an Applicant or any Employee	Fees, as dictated by the Outside Agency	
Section 15-975: Massage Establishments	Massage Establishments: Violation; penalty	Not less than $200.00 nor more than $500.00 for the first offense and not less than $300.00 for the second offense, and not less than $500 nor more than $1,000.00 for any subsequent offense.	
Section 15-1044 (a)(5): Outdoor Seating Areas	Outdoor Seating Areas accessory to Food Service Establishment: License Application Fee included in Food Establishment annual license	$0.00	
Section 15-1044(b): Outdoor Seating Areas	Renewal License Application Fee:	$0.00	
Section 15-1047(b):	License Fee for Outdoor Seating License Agreement	$230/annually	
Chapter 16: Nuisances	**Chapter16 - Nuisances**		
Section 16-1(9): Depositing, Dumping, Abandoning, Accumulation or Storage of Any Landscape Waste or Yard Waste on Any Public or Private Property.	The Specific penalty for a violation of this subparagraph governing the nuisance of depositing, abandoning, dumping, accumulating or storing landscape waste or yard waste on any private or public property shall be a fine of : **(A separate offense shall be deemed committed on each day or part thereof on which a violation occurs or continues or is permitted to continue.)**	Not less than $50.00, and not more than $1,000.	
Section 16-15 (d) Prohibition of the Application and Sale of Sealcoat Products Contain Coal Tar.	First Violation within twelve (12) month period	$250.00	
Section 16-15 (d) Prohibition of the Application and Sale of Sealcoat Products Contain Coal Tar.	Second Violation within a twelve (12) month period	$500.00	
Section 16-15 (d) Prohibition of the Application and Sale of Sealcoat Products Contain Coal Tar.	Third and each subsequent violation within a twelve month period	$750.00	
Chapter 17: Offenses - Miscellaneous	**Chapter 17 - Offenses - Miscellaneous**		
Section 17-1(m)(1): Smoking Ban	Smoking Ban - Penalties - Fine	Not less than $50.00 nor more than $500.00 for each and every offense	
Section 17-20 (d)(1): Possession of Tobacco Products by Minors	Possession of Tobacco Products by Minors Prohibited - Penalties - Fine	Not less than $50.00 nor more than $750.00	
Section 17-41(b)(1): Damage to or Tampering with Property	Damage to or tampering with property - Penalty - Fine	Not in excess of $500.00	
Section 17-48 (1): Theft	Theft - Penalties - Fine	Not less than $50.00 nor in excess of $750.00	
Section 17-48 (1): Library Theft	Library Theft - Penalties - Fine	Not less than $50.00 nor in excess of $500.00	
Section 17-48 (1): Deceptive Practices	Deceptive Practices - Penalties - Fine	Not less than $50.00 nor in excess of $500.00	
Section 17-80: Offenses Against Public Safety	Article III - Offenses Against Public Safety - Penalties - Fine	Not less than $50.00 nor more than $500.00 for the first offense. The fine for each subsequent offense shall be $1,000.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 17-103(b)(1): Disorderly Conduct	Disorderly Conduct - Penalties - Fine	Not less than $50.00 nor in excess of $500.00	
Chapter 18:	**Chapter 18 - RESERVED**		
Chapter 19: Planning and Development	**Chapter 19 - Planning and Development**		
Section 19-131(a): Annexation Fees	Annexation Fees Shall be in the Following Amounts Unless the Board of Trustees finds, based on the Particular Circumstances Surrounding and Annexation that the fee Should be of a Greater or a Lesser Amount: Territory to be Zoned Residential Upon Annexation: **(Per Dwelling Unit Existing of Proposed to be Constructed on the Territory)**	$750.00	
Section 19-131(a): Annexation Fees	Annexation Escrow, for recoverable expenses, Shall be in the Following Amounts Unless the Board of Trustees finds, based on the Particular Circumstances Surrounding and Annexation that the fee Should be of a Greater or a Lesser Amount: Territory to be Zoned Residential Upon Annexation: **(Per Dwelling Unit Existing of Proposed to be Constructed on the Territory)**	$1,000.00	Effective 5/1/26 This is a new line item added to account for escrow funds for third party expenses.
Section 19-131(a): Annexation Fees	Annexation Fees Shall be in the Following Amounts Unless the Board of Trustees finds, based on the Particular Circumstances Surrounding and Annexation that the fee Should be of a Greater or a Lesser Amount: **Territory to be Zoned Non -residential but not Open Space, Upon Annexation:** **(Existing or proposed to be constructed on the territory)**	$3.00 per square foot of gross floor area	
Section 19-163: Impervious Surface Fees	Impervious Service Fees: **Class I Permit** Provided that the Village shall not be required to pay any such fees.	No Fee	
Section 19-163: Impervious Surface Fees	Impervious Service Fees: **Class II Permit:** (Per Square Foot Impervious Surface Expansion) Provided that the Village shall not be required to pay any such fees.	A fee of either (a) $0.80 per square foot impervious surface expansion, or (b) $0.40 per square foot of permeable pavers installed.	
Section 19-163: Impervious Surface Fees	Impervious Service Fees: **Class III Permit:** (Per Square Foot Impervious Surface Expansion) Provided that the Village shall not be required to pay any such fees.	A fee of either (a) $1.60 per square foot impervious surface expansion, or (b) $0.80 per square foot of permeable pavers installed.	
Chapter 20: RESERVED	**Chapter 20 - RESERVED**		
Chapter 21: Solid Waste	**Chapter 21 - Solid Waste, Landscape Waste and Recycling**		
Section 21-37: Waste Collection Licenses	Maximum Number of Licenses for Waste Collection Firms servicing non-residential facilities	7 Licenses	
Section 21-38: Waste Collection Fee	Waste Collection Firm License Fee	$2,000.00	
Section 21-102(f): Dumpster and POD Permits	Fee for a dumpster (when not associated with an issued building permit) or for a portable storage unit on private property (with or without a building permit).	$25.00 per dumpster or portable storage unit	
Chapter 22: Streets and Sidewalks	**Chapter 22 - Streets and Sidewalks**		
Section 22-2: Excavation Permit	Street Excavation Fee:	$250.00	
	Restoration Escrow Deposit, (Minimum)	$2,500.00	
Section 22-10: Deposit for Restoration of Streets and Sidewalks	Deposit for Restoration of Streets and Sidewalks	Fees Included in Section 22-2	
Section 22-26: Construction, Maintenance and Repair	Construction Permit	Fees Included in Section 22-2	
Section 22-41(b) (3): Sidewalks - Duty of Abutting Property Owner to Construct	Fee for the Recordable Covenant: (Per Property)	As determined by the Cook County Clerks Office	
Section 22-76 (a & b): Building Moving Permit Fee and Bond	Building Moving Permit Fee: (Plus reimbursable Village Expenses, and a $1,000,000 bond)	$200/day	
Section 22-91(b): Site Grading & Engineering Plan Review Fees	**Article IV: Public Improvements:**		
Section 22-91(b): Site Grading & Engineering Plan Review Fees	**Site Grading And Engineering Plan Review Fees**		
Section 22-91(b): Site Grading & Engineering Plan Review Fees	General Fee for review of a required grading plan.	$100.00	
Section 22-91-(b): Site Grading & Engineering Permit Issuance & Inspection Fees	**Site Grading & Engineering Permit Issuance & Inspection Fees**		
Inspection Fees	Miscellaneous grade change permit	$70.00	
Sec. 22-91(b):	Residential and Non-residential site grading, utility, stormwater and other public and private improvements.	1.75% of estimated private site improvements and 3.5% of estimated public site improvements	
Sec. 22-91(b): Driveways	Driveway permit and inspection	Minimum of $70.00	
Sec. 22-91(b): Patio	Patio permit and inspection	Minimum of $70.00	
Sec. 22-91(b): On Site Sidewalk or Stoop	On-site sidewalk or stoop	Minimum of $70.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Sec. 22-91(b): New Parking Lot	New Parking Lot	$200 for the first 50 parking spaces and $100 for each 50 added spaces (or fraction thereof) in excess of 50.	
Sec. 22-91(b): Resurface of Parking Lot	Resurface of Parking Lot	$100 for the first 50 parking spaces and $50 for each 50 added spaces (or fraction thereof) in excess of 50.	
Sec. 22-91(b): Restriping of Parking Lot	Restriping of Parking Lot	$50 for the first 50 parking spaces and $20 for each 50 added spaces (or fraction thereof) in excess of 50.	
Sec. 22-91(b):	Underground Tank Removal: (per tank)	$200.00	
Chapter 23: Taxation	**Chapter 23 - Taxation**		
Section 23-42: Hotel/Motel Occupancy Tax	Hotel/Motel Occupancy Tax	5.5% of gross rental receipts	
Section 23-68: Admissions and Entertainment Tax	Admissions and Entertainment Tax (Per Ticket of Admission)	$0.25	
Section 23-181: Demolition Tax	Demolition Tax	$10,000.00 per Dwelling Unit Demolished	
Chapter 24: Traffic	**Chapter 24 - Traffic**		
Section 24-2: Adoption of the Illinois Vehicle Code	Expired Registration Illinois Vehicle Code Section (s) 24-2/625 ILCS 5/3-413(f) and 24-2/625 ILCS 5/11-1303 (a)(1)(L)	$50.00	
Section 24-12: Snow Emergency	Parking During Snow Emergencies	$100.00	
Section 24-52(f): Administrative Tow Fee	Administrative Tow Fee (Pursuant to 625 ILCS 5/11-208.7)	$500.00	
Section 24-77: Obstructing Traffic	Obstructing Traffic Fine:	$25.00	
Section 24-97(a): Stopping, Standing and Parking Penalties	Fine: (Not less than/Nor more than)	$35.00/$200.00	
Section 24-97(a): Stopping, Standing and Parking Penalties	If Paid within ten (10) days of the violation notice date, the settlement amount is not less than:	$20.00	
Section 24-97(b):	Fine: (Not less than/Nor more than)	$25.00/$200.00	
Section 24-97(b):	If Paid within ten (10) days of the violation notice date, the settlement amount is not less than:	$10.00	
Section 24-99(a): Accessible Parking for People With Disabilities Violation	Accessible Parking for People with Disabilities	$350.00	
Section 24-135:Traffic Flow and Vehicular Parking Generally	Commuter Lot Parking Fine	$25.00	
Section 24-138: Parking Fee at Train Station	Train Station Parking Fees (Per Space/Per Day)	$2.00 (Effective 6/1/24)	
Section 24-138: Parking Fee at Train Station	Failure to Pay Daily Fee at Train Station Fine	$25.00	
Section 24-139: Resident Parking	Resident Parking Only Violation	$25.00	
24-169: Bicycle Helmets Required	Bicycle Helmets Required	A fine which shall not exceed $50	
Chapter 25: Vegetation	**Chapter 25 - Vegetation**		
Section 25-2:	**Nuisance Tree List**		
Section. 25-20:	Removal of a diseased, dangerous or badly damaged tree	no fee required	
Section. 25-20:	Tree Protection Plan Review and Inspection (as part of a building or other construction project)	$100 for parcels up to one acre in size, plus an additional $100 for each additional acre or fraction thereof.	
Section: 25-23(c) (7) (a): Sub. & Development. Code Section 4-103D	Tree Replacement Fee (Heritage Trees, Per Inch Diameter at DBH)	$250.00	
Section: 25-23(c) (7) (a): Sub. & Development. Code Section 4-103D	Tree Replacement Fee (Landmark Trees, Per Inch Diameter at DBH)	$150.00	
Section: 25-23(c) (7) (a): Sub. & Development. Code Section 4-103D	Tree Replacement Fee (All Non-Nuisance Trees, Per Inch Diameter at DBH)	$100.00	
Section: 25-23(c) (7) (a): Sub. & Development. Code Section 4-103D	Tree Replacement Fee, Nuisance Trees, Per Inch Diameter at DBH)	$25.00	
Section 25-50(a): Replacement Parkway Trees	List of Trees and Tree Specifications	**See Exhibit E**	
Section 25-50(a):	All Trees on the Tree Replacement List, with oak trees having a minimum size between 2" and 2 1/2" in diameter at breast height (DBH) and all other genus and species having a minimum size between 2 1/2" and 3" diameter at breast height (DBH)		
Section 25-50(b):	Fee in Lieu of Parkway Tree	$350.00	
Section 25-51:	Tree Replacement List	**See Exhibit E**	
Section 25-73: Abatement by Village	Weed Mowing Fees (Per Occurrence) Time and Materials Rate Village's Current Time and Materials Rate or Contractor Rate Plus the stated Administration Fee	Village's Current Time and Materials Rate, or Contractor Plus $80.00 Administrative Fee.	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 25-92: Abatement by Village	Nuisance Abatement Village's Current Time and Materials Rate, or Contractor Plus the stated Administrative Fee	Village's Current Time and Materials Rate, or Contractor Costs, Attorney's Fees, Plus $150 Administrative Fee	
Chapter 26: Public Passenger Vehicles	**Chapter 26 - Public Passenger Vehicles**		
Section 26-21(b): Taxicab/Livery License Fee	**Taxicab Service Operator's License Fee and Livery Service Operator's License Fee:**		
Section 26-21(b):	1 to 15 Vehicles:	$75.00	
Section 26-21(b):	16 to 35 Vehicles:	$100.00	
Section 26-21(b):	36 or More Vehicles:	$150.00	
Chapter 27: Water, Sewers & Sewage Disposal	**Chapter 27 - Water, Sewers and Sewage Disposal**		
Section 27-27(b): Water Turn On	Residential (Charge to Renters Only)	$75.00 Deposit	
Section 27-27(b): Water Turn On	Commercial (Charges to Renters Only)	$100.00 Deposit	
Section 27-33: Fire Hydrants	Fire Hydrant Use	$2.00	
Section 27-33: Fire Hydrants	Fire Hydrant Deposit	$500.00	
Section 27-33: Fire Hydrants	Fire Hydrant Meter Use (1", Per Day)	$2.00	
Section 27-33: Fire Hydrants	Fire Hydrant Meter Deposit (1")	$100.00	
Section 27-33: Fire Hydrants	Fire Hydrant Meter Use (3", Per Day)	$2.00	
Section 27-33: Fire Hydrants	Fire Hydrant Meter Deposit (3")	$400.00	
Section 27-33: Fire Hydrants	Fire Hydrant Wrench Use (Flat Rate)	$5.00	
Section 27-33: Fire Hydrants	Fire Hydrant Meter Deposit	$25.00	
Section 27-33: Fire Hydrants	Fire Hose Use (50' Length, Flat Rate)	$10.00	
Section 27-33: Fire Hydrants	Fire Hose Deposit (50' Length)	$100.00	
Section 27-33: Fire Hydrants	Fire Hydrant - Administrative Services	$40.00	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Taps (1", inclusive of Tap Service, Corp. Stop, "B" Box and Curb Stop)	$500.00	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Taps (1.5", inclusive of Tap Service, Corp. Stop, "B" Box and Curb Stop)	$700.00	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Taps (2", inclusive of Tap Service, Corp. Stop, "B" Box and Curb Stop)	$740.00	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (3/4", inclusive of Meter with Remote, Installation and Sealing Inspection)	$118.12 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (1", inclusive of Meter with Remote, Installation and Sealing Inspection)	$118.12 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (1 1/2 ", inclusive of Meter with Remote, Installation and Sealing Inspection)	$206.71 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (2", inclusive of Meter with Remote, Installation and Sealing Inspection)	$324.83 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (3", inclusive of Meter with Remote, Installation and Sealing Inspection)	$354.36 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (4", inclusive of Meter with Remote, Installation and Sealing Inspection)	$442.95 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Permit Fees - Meters (6", inclusive of Meter with Remote, Installation and Sealing Inspection)	$797.31 (labor) plus current cost for supplies and meter	
Section 27-34(b): Water Meter Fees	Water Main Sleeve Fee (Sleeve Size - 6")	$265.00 or current rate	
Section 27-34(b): Water Meter Fees	Water Main Sleeve Fee (Sleeve Size - 8")	$298.00 or current cost.	
Section 27-34(b): Water Meter Fees	Water Main Sleeve Fee (Sleeve Size - 10")	$377.00 or current cost.	
Section 27-34(b): Water Meter Fees	Water Main Sleeve Fee (Sleeve Size - 12")	$445.00 or current cost.	
Section 27-34(b): Water Meter Fees	Water Main Sleeve Fee (Sleeve Size - 16")	Current Village costs for supplies.	
Section 27-34(b): Water Meter Fees	Turbine and Retrofit Meters (1.5")	Remove	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Section 27-34(b): Water Meter Fees	Turbine and Retrofit Meters (2")	Remove	
Section 27-34(b): Water Meter Fees	Turbine and Retrofit Meters (3")	Remove	
Section 27-34(b): Water Meter Fees	Turbine and Retrofit Meters (4")	Remove	
Section 27-34(b): Water Meter Fees	Turbine and Retrofit Meters (6")	Remove	
Section 27-38: Use of Groundwater as Potable Water Prohibited	Groundwater Regulations for Specific Locations:		
Section 27-61(a) : Rates and Charges	Water Supply (Per 1,000 Gallons)	$6.40	
Section 27-61(a) : Rates and Charges	Water Supply (Minimum Quarterly Charge)	$44.80	
Section 27-62(b): Billing for Water Usage	Water Meter Testing Service (2" and Larger)	Contractor's Rate	
Section 27-64(b): Reinstatement of Service	Charge for Reinstatement of Terminated Water Services During Regularly Scheduled Working Hours	$70.00	
Section 27-103: Violations	Charge for Reinstatement of Terminated Water Services Outside of Regularly Scheduled Working Hours	$225.00	
Section 27-104(f): Annexation Connection Fee	Fee for Connection to Storm and/or Sanitary Sewer (One Acre or Less)	$250.00	
Section 27-104(f): Annexation Connection Fee	Fee for Connection to Storm and/or Sanitary Sewer (Each Additional Acre or Part Thereof)	$100.00	
Section 27-105(b): Private Sewage Application Fee	Private Sewage Disposal System (Permit Fee)	$125.00	
Section 27-105(b): Private Sewage Inspection Fee	Private Sewage Disposal System (Inspection Fee)	$80.00	
Section 27-121: Opening, Altering, or Disturbing a Public Sewer	Opening, Altering, or Disturbing a Public Sewer (Permit and Inspection Fee, Up to a 4" Connection)	$80.00	
Section 27-121: Opening, Altering, or Disturbing a Public Sewer	Opening, Altering, or Disturbing a Public Sewer (Permit and Inspection Fee, 4" or Larger Connection)	$80.00	
Section 27-133: Repairs and Maintenance	Costs as identified in Exhibit C. Cost of contractor to perform the work.	Costs Identified in Exhibit C	
Section 27-152: Use and Discharge Regulations: Penalties:	Costs as identified in Exhibit C. Cost of contractor to perform the work.	Costs Identified in Exhibit C	
Section 27-166(e)(1): Sanitray Sewer User Charge: Rates:	Sanitary Sewer User Charge (Per 1,000 Gallons of Water Used)	$1.70	
Section 27-166(e)(1)	Sanitary Sewer User Charge (Minimum Quarterly Charge)	$11.90	
Section 27-170(e)(1): Stormwater Drainage System User Charge; Rates:	Stormwater Drainage System User Charge (Per 1,000 Gallons of Water Used)	$2.00	
Section 27-170(e)(1): Stormwater Drainage System User Charge; Rates:	Stormwater Drainage System User Charge (Minimum Quarterly Charge)	$14.00	
Section 27-171(c): Stormwater Drainage	Alternative User Charge (Per Square Foot of Impervious Coverage; Annual	$0.03	
Article 13 of Zoning Code	**Article 13 - Zoning Code Application Fees**		
Article 13 of Zoning Code	**Article 13-106:Payment-in-lieu of Providing Affordable Units**	$125,000.00	
Article 2 of Zoning Code Applications for Variations	**Applications for variations of the Zoning Code - residential**		
Article 2 of Zoning Code Applications for Variations	Non-refundable fee	$350.00	
	Fee for each additional public hearing requested	$100.00	
Article 2 of Zoning Code Applications for Variations	**Applications for variations of the Zoning Code - non-residential**		
Article 2 of Zoning Code Applications for Variations	Non-refundable fee	$600.00	
Article 2 of Zoning Code Applications for Variations	Fee for each additional public hearing requested	$100.00	
Article 2 of Zoning Code	Escrow deposit for recoverable expenses	$1,000.00	
Article 2 of Zoning Code	**Application for Administrative-Adjustment**	N/A - New Section	
Article 2 of Zoning Code	Non-refundable fee	$200.00	
Article 2 of Zoning Code: Appeal	**Appeal of denial of a site plan or other staff decision**		
Article 2 of Zoning Code: Appeal	Non-refundable fee	$350.00	
Article 2 of Zoning Code: Appeal	Fee for each additional public hearing requested	$100.00	
Article 2 of Zoning Code: Text Amendment	**Zoning Code Text Amendment**		

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Article 2 of Zoning Code: Text Amendment	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Text Amendment	Escrow deposit for recoverable expenses	$2,500.00	
Article 2 of Zoning Code: Creation of New Zoning District or Other Major Code Amendment	**Creation of New Zoning District or other major code amendment**		
Article 2 of Zoning Code: Creation of New Zoning District or Other Major Code Amendment	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Creation of New Zoning District or Other Major Code Amendment	Escrow deposit for recoverable expenses	$10,000.00	
Article 2 of Zoning Code: Special Permit Application Fee	**Initial application for special permit involving only a use change and no site improvements**		
Article 2 of Zoning Code: Special Permit Application Fee	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Special Permit Application Fee	Escrow deposit for recoverable expenses	$1,500.00	
Article 2 of Zoning Code: Special Permit Application Fee	**Initial application for a special permit involving modifications to a site plan**		
Article 2 of Zoning Code: Special Permit Application Fee	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Special Permit Application Fee	Escrow deposit for recoverable expenses	$4,000.00	
Article 2 of Zoning Code: Special Permit Application Fee	**Additional fee for special permit use requiring review of a traffic study**		
Article 2 of Zoning Code: Special Permit Application Fee	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Special Permit Application Fee	Escrow deposit for recoverable expenses	$2,500.00	
Article 2 of Zoning Code: Special Permit Application Fee	**Renewal or transfer of a special permit**		
Article 2 of Zoning Code: Special Permit Application Fee	Non-refundable fee	$150.00	
Article 2 of Zoning Code: Special Permit Application Fee	Escrow deposit for recoverable expenses	$1,000.00	
Article 2 of Zoning Code: Design Review Permit Application Fee	**Design Review Permit**		
Article 2 of Zoning Code: Design Review Permit Application Fee	Non-refundable fee	$250.00	
Article 2 of Zoning Code: Design Review Permit Application Fee	Escrow deposit for recoverable expenses	$1,000.00	
Article 2 of Zoning Code: Temporary Use Permit Application Fee	**Temporary Use Permit**		
Article 2 of Zoning Code: Temporary Use Permit Application Fee	Non-refundable fee	$250.00	
Article 2 of Zoning Code	**Application for amendment of Zoning Map or Official Comprehensive Plan Map**		
Article 2 of Zoning Code	Non-refundable fee	$500.00	
Article 2 of Zoning Code	Escrow deposit for recoverable expenses	$2,500.00	
Article 2 of Zoning Code	**Application for Planned Development approval**		
Article 2 of Zoning Code	Non-refundable fee	$500.00	
Article 2 of Zoning Code	Escrow deposit for recoverable expenses	$10,000.00	
Article 2 of Zoning Code	**Penalties**		
Article 2 of Zoning Code	Penalties	Not less than $200.00 nor more than $500.00 for each offense; provided, however that, if service of summons is made by certified mail pursuant to Illinois Revised Statues Chapter 25, Section 1-2-9.1, the maximum fine shall not exceed $200.00 for each offense	
Section 10: Subdivision Application Fees	**Subdivision & Development Code Fees**		
Sec. 2-102 of Subdivision & Development Code	**Application for Final Engineering Plan approval**		
Sec. 2-102 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$500 per lot not to exceed $5000	
Sec. 2-106 of Subdivision & Development Code	**Application for each procedural or standard variation of the subdivision**		
Sec. 2-106 of Subdivision & Development Code	Non-refundable fee	$250.00	
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$1,000.00	
Sec. 2-106 of Subdivision & Development Code	**Application for Tentative Subdivision Plat approval**		
Sec. 2-106 of Subdivision & Development Code	Non-refundable fee	$300.00	
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$500 per lot for first 10 lots and $200 per lot for each additional lot; not to exceed a total of $10,000.	
Sec. 2-106 of Subdivision & Development Code	**Application to renew an expiring tentative plat**		
Sec. 2-106 of Subdivision & Development Code	Non-refundable fee	$250.00	
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$1,000.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Sec. 2-106 of Subdivision & Development Code	**Subdivision, Development or similar agreement**		
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$5,000.00	
Sec. 2-106 of Subdivision & Development Code	**Annexation Agreement or amendment for a Proposed Development or Subdivision**		
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$7,000.00	
Sec. 2-106 of Subdivision & Development Code	**Condominium Conversion Agreement**		
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$7,000.00	
Sec. 2-106 of Subdivision & Development Code	**Transferee Assumption Agreement**		
	Escrow deposit for recoverable expenses	$2,500.00	
Sec. 2-106 of Subdivision & Development Code	**Application for Final Subdivision Plat approval**		
Sec. 2-106 of Subdivision & Development Code	Non-refundable fee	$300.00	
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$2,000, plus an additional $500 per lot for the first 10 lots plus $250 per lot for each additional lot, not to exceed a total of $10,000.	
Sec. 2-102 of Subdivision & Development Code	**Applications for minor subdivision approval, involving no public improvements**		
Sec. 2-102 of Subdivision & Development Code	Non-refundable fee	$50 per lot	
Sec. 2-102 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$2,500.00	
Sec. 2-102 of Subdivision & Development Code	**Application for a plat of consolidation with no site improvements**		
Sec. 2-102 of Subdivision & Development Code	Non-refundable fee	$50.00	
Sec. 2-102 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$1,000.00	
Sec. 2-106 of Subdivision & Development Code	**Applications for minor subdivision approval, involving no public improvements**		
Sec. 2-106 of Subdivision & Development Code	Non-refundable fee	$50 per lot	
Sec. 2-106 of Subdivision & Development Code	Escrow deposit for recoverable expenses	$2,500.00	
Sec. 4-101 of Subdivision & Development Code	**Public Land Dedication and Contribution Standards**		
Sec. 4-101G5(b) of Subdivision & Development Code	Fair Market Value of Improved Land in and Surrounding the Village	$500,000.00 Per acre	
Sec. 4-101G7(a) of Subdivision & Development Code	Per Capita Costs for Library Capital Improvements	$100.33	
Cook County Property Tax Incentive Applications	**Village application for Cook County property tax incentive and associated agreement**		
Cook County Property Tax Incentive Applications	Non-refundable fee	$5,000.00	
Other Administrative Fees	**The following fees are applicable to Fire Department personnel, equipment and special services per the current CBA. Unless othewise noted, all equipment rates follow the current FEMA Schedule of Equipment Rates.**		
Other Administrative Fees	Firefighter/paramedic/engineer driver (4-hour minimum)	Average hourly rate x 1.5 *for rank and number listed*	
Other Administrative Fees	Lieutenant (4-hour minimum)	Average hourly rate x 1.5 *for rank and number listed*	
Other Administrative Fees	Administrative Chief Officers and Directors	Average hourly rate for rank and number listed	
Other Administrative Fees	Fire Inspector (2-hour minimum)	Average hourly rate x 1.5 *for rank and number listed*	
Other Administrative Fees	Ambulance/vehicle (FEMA Ambulance #8041)	$48.32	
Other Administrative Fees	Fire Engine **(**pumper**)** or Rescue Squad (FEMA Truck, Fire Pump 1250 GPM #8691)	$92.40	
Other Administrative Fees	Fire Aerial ladder (FEMA Truck, Fire 100' Ladder #8684)	$220.55	
Other Administrative Fees	Administrative Fee for each incident billing	10% of amount billed	
Other Administrative Fees	Document Subpoena Service	$20.00/or $0.25 per page	
Other Administrative Fees	Off Duty Police Officer (3 hour minimum)	Rates equate time and one half at maximum hourly rate for a patrol officer.	
Other Administrative Fees	With Police Vehicle	$10.00 additional	
Other Administrative Fees	Traffic Accident Reports Copy Fee (Waived for Northbrook residents)	$5.00 a report Attached Photos: Xerox Copies - color (8 1/2 X 11) $0.50 ea.page color (oversize page) 1.50 ea. page	
Other Administrative Fees	**Reports** (Waived for Northbrook residents) (Not requested through the Freedom of Information Act)	$5.00	
Other Administrative Fees	Police Department Fingerprinting Fee: For each Person to be Fingerprinted (Additional fees charged by the Illinois State Police will be required)	$25.00	
Other Administrative Fees	Additional Fee charged by the Illinois State Police (To process Fingerprints)	As determined by the Illinois State Police	
Other Administrative Fees	Photographs Basic Fee (Waived for Northbrook Residents)	Cost based on color or b/w. Cost per page	
Other Administrative Fees	Copies of DVD from Squad Cars for Traffic Stops	$1.00	
Other Administrative Fees	Public Truck Scale Use	$5.00 per axle	
Other Administrative Fees	Temporary "No Parking" Cones (Used for parties, weddings, etc.) Refunded when cones are returned. (Deposit)	$10.00 each	
Other Administrative Fees	Counseling Services Deferred Prosecution Fee	$235.00 per case	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Other Administrative Fees	Maintenance Worker - Regular Time (Inclusive of Benefits) (hourly labor rates with benefits added in at 35% of the average hourly rate for regular time).	$59.06	
Other Administrative Fees	Maintenance Worker - Overtime (Inclusive of Benefits) (Overtime labor rates were taken at 1.5 times the average hourly rate with benefits added in at 16% of the average overtime rate).	$76.12	
Other Administrative Fees	Automobiles (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - Pick-ups, Utility trucks, and vans (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - 5 Ton Dumps (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - 4x6 Dumps (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - Aerial Lift (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - Sewer Flusher/Cutter (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - Vacuum Sweeper (7.2 Yard Capacity, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trucks - Vactor (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Backhoe 75 HP (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Skid Steer Loader (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Skid Steer with Auger (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Skid Steer with Hydraulic Breaker (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Front-End Loader 105 HP (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Tractors - Weed Mower 87 HP (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Snow Blower - 1400 TPH (Plus Cost of Front End Loader, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Snow Plows - 10' or Larger (Plus Cost of Truck, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Snow Plows - 6-7.5' (Plus Cost of Truck, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Snow Plows - V Plow (Plus Cost of Truck, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Salt Spreaders (Plus Cost of Truck, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Calcium Chloride Spreader (Plus Cost of Truck, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Roller, Vibratory with Trailer (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Air Compressor with Tools - 185 CFS (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Brush Chipper (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Pavement Striper (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trash Pumps - Up to 2" (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trash Pumps - 3" (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Hose for Trash Pump - Up to 3" (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trash Pumps - 4" diesel (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Hose for Trash Pump - Up to 4" (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trash Pumps - 6" gasoline (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Hose for Trash Pump - 6" (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Concrete/Asphalt Saw - 56 HP (Handheld, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Concrete/Asphalt Saw - 56 HP (Walk Behind, Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Auger (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Trencher - 10 HP (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Root Pruner (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Compactor (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Generator - 15 KW (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Generator - 45 KW (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Message Board - Trailer Mounted/Solar (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Arrowboard - Trailer Mounted/Solar (Per Hour)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Barricades (Per Day)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Cones Deposit	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Asphalt - Hot Mix (Per Ton)	Current Board Awarded Material Costs	
Other Administrative Fees	Asphalt - UPM/Cold Patch (Per Ton)	Current Board Awarded Material Costs	
Other Administrative Fees	Concrete (Per Yard)	Current Board Awarded Material Costs	
Other Administrative Fees	Stone and/or Sand (Per Ton)	Current Board Awarded Material Costs	
Other Administrative Fees	Salt (Per Ton)	Current Board Awarded Material Costs	
Other Administrative Fees	Traffic Sign Rental - 4'x4' High Visibility Sign (Per Day)	Current FEMA Reimbursable Rate for region.	
Other Administrative Fees	Traffic Sign Purchases - 12"x18" Sign (Per Sign)	$26.50	
Other Administrative Fees	Traffic Sign Purchases - 18"x24" Sign (Per Sign)	$29.00	
Other Administrative Fees	Traffic Sign Purchases - 24 x 30" Warning Sign (Per Sign)	$47.00	
Other Administrative Fees	Traffic Sign Purchases - 30" Warning Sign (Per Sign)	$52.00	
Other Administrative Fees	Traffic Sign Purchases - 36" Yield Sign (Per Sign)	$37.00	
Other Administrative Fees	Traffic Sign Purchases - 9"x36" Double Street Sign (Per Sign)	$57.00	
Other Administrative Fees	Traffic Sign Purchases - Stop Sign (Per Sign)	$49.00	
Other Administrative Fees	Fee for Fire Lane Sign (Each)	$75.00	
Other Administrative Fees	Channel Post with Hardware - 3' Square Post (Per Post)	$10.00	
Other Administrative Fees	Channel Post with Hardware - 10' Square Post (Per Post)	$22.00	
Other Administrative Fees	Channel Post with Hardware - 7' Post (Per Post)	$7.00	
Other Administrative Fees	Channel Post with Hardware - 10' Post (Per Post)	$15.00	
Other Administrative Fees	Channel Post with Hardware - Sign Cap (Per Piece)	$5.50	
Other Administrative Fees	Water (Per 1,000 Gallons) BULK WATER SALES TO CONTRACTORS	$7.27	
Other Administrative Fees	Fire Hydrant Meter Replacement Cost	$500.00	
Other Administrative Fees	Fire Hydrant Wrench Replacement Cost	$32.00	
Other Administrative Fees	Storage Fee at Public Works (Per Day)	$10.00	

Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees	FY 2027 REQUESTED CHANGES
Other Administrative Fees	Personnel Labor Charge	Labor charge shall be two times the average hourly salary by class of the personnel involved.	
Other Administrative Fees	When the use of an Automobile is required	$13.00	
Other Administrative Fees	Copies - DVD's	$1.00	
Other Administrative Fees	Copies - Flashdrives	$3.00	
Other Administrative Fees	Building Codes - *List of local amendments*	$5.00	
Other Administrative Fees	Land Use/Comprehensive Plan	$20.00	
Other Administrative Fees	Zoning Code	$35.00	
Other Administrative Fees	Standards & Specifications for Public and Private Improvements	$25.00	
Other Administrative Fees	Subdivision Code	$25.00	

VILLAGE OF NORTHBROOK

Chapter 25	Exhibit E FY 2026 Chapter 25 - Tree Protection and Preservation, Vegetation	FY27 REQUESTED UPDATES
Section: 25-2: Nuisance Tree (Subdivision and Development Code 4-103D)	**All trees of the following listed species located in the Village regardless of DBH:**	
	Box elder (Acer negundo)	
	Buckthorn (Rhamnus cathartica)	
	Cottonwood (Populus deltoides)-Female only	
	Ginkgo Female Only (Ginkgo biloba)	
	Mountain Ash (Sorbus spp)	
	Russian Olive (Elaeagnus augustifolia)	
	Siberian Elm (Ulmus pumila)	
	Tree of Heaven (Ailanthus altissima)	
	White Mulberry (Morus alba)	
	Willow (Salix species)	
	Ash (All Species)	
Section 25-2(k) & Section 25-21: (Subdivision and Development Code 4-103D) Heritage Tree:	Shall include all genus, species, varieties, cultivars and sizes of trees as listed below that: (I) represent the very best specimens of landmark trees; (ii) either predate or correspond with the incorporation of the Village at the beginning of the 20th Century, or have survived catastrophic diseases that have killed off trees of similar genus and species either regionally or nationally; and (ii) are determined by the Village Manager to be in good health and structurally sound. Heritage trees shall include all trees listed below, with a diameter at breast height (DBH) as indicated, in the Village:	
	Any Oak with a DBH equal to or greater than 30”; any Hickory with a DBH equal to or greater than 16”; any Ironwood with a DBH equal to or greater than 10”; American Elm with a DBH equal to or greater than 36”.	
Section 25-2 (Subdivision and Development Code 4-103D) Landmark Tree:	Shall include all genus, species, varieties, cultivars and sizes of the trees, as listed below that are determined by the village manager to be in good health and structurally sound. Landmark trees shall include all trees listed below, with a diameter at breast height (DBH) of 12 inches or more as indicated, except where a smaller DBH is indicated, in the Village:	
Deciduous Trees:	BASSWOOD-AMERICAN LINDEN	
	BLACK WALNUT	
	BUCKEYE AND HORSECHESTNUT	
	GINGKO (male)	
	HICKORY (6"DBH)	
	IRONWOOD (6"DBH)	
	KENTUCKY COFFEETREE	
	OAK (8"dbh+)-includes Bebb, Bur, Chinkapin, English, Pin, Red, Sawtooth, Shingle, Swamp White and White oak	
	RED MAPLE	

VILLAGE OF NORTHBROOK

Chapter 25	Exhibit E FY 2026 Chapter 25 - Tree Protection and Preservation, Vegetation	FY27 REQUESTED UPDATES
	SUGAR MAPLE	
Coniferous Trees	BALD CYPRESS	
	CEDAR (Red and White single stem tree form only)	
	DAWN REDWOOD	
	FIR	
	SPRUCE (including Norway, White)	
	WHITE PINE	
Section 25-2(v) & Section 25-21: Tree Replacement: Planting Approval Required	**Tree replacement list: The following trees may be used as eligible trees for replacement:**	
Section 25-20(a)	All Trees on the Tree Replacement List, with oak trees having a minimum size between 2" and 2 1/2" in diameter at breast height (DBH) and all other genus and species having a minimum size between 2 1/2" and 3" diameter at breast height (DBH)	
Acceptable Limited Use (Overplanted)	**Overplanted (Do Not Plant)**	
	ARBORVITAE (Thuja occidentalis)	
	AUSTRIAN PINE (Pinus nigra)	
	COLORADO SPRUCE (Picea pungens)	
	HONEY LOCUST (Gleditsia triacanthos)	
	NORTHERN RED OAK (Quercus rubra)	
	NORWAY SPRUCE (Picea abies)	
	NORWAY MAPLE (Acer platanoides)	
	RED MAPLE (Acer rubrum)	
	AMERICAN LINDEN (TILIA **spp**)	
	CALLERY Pear (Pyrus calleryana)	
	FREEMAN MAPLE (Acers x freemanii)	
	JUNIPER (Juniperus spp)	
	SCOTCH PINE (Pinus sylvestris)	
	SILVER MAPLE (Acer saccharinum)	
	SUGAR MAPLE (Acer saccharum)	
Large Trees (Over 45 feet)	**Large Trees (Over 45 feet)**	
	AMERICAN LINDEN (Tilia Americana Sentry)	
	BALD CYPRESS (Taxodium distichum)	
	BLACK LOCUST (Robinia pseudoacacia)	
	BLACK TUPELO (Nyssa sylvatica)	
	BLACK WALNUT (Juglans nigra)	
	BUR OAK (Quercus macrocarpa)	

VILLAGE OF NORTHBROOK

Chapter 25	Exhibit E FY 2026 Chapter 25 - Tree Protection and Preservation, Vegetation	FY27 REQUESTED UPDATES
	CATALPA (Catalpa speciosa)	
	CHINQUAPIN OAK (Quercus muehlenbergii)	
	PLANETREE (Platanus x acerifolia)	
	HACKBERRY (Celtis occidentalis)	
	DAWN REDWOOD (Metasequoia glyptostroboides)	
	EUROPEAN LARCH (Larix deciduas)	
	GINKGO (Ginkgo biloba)	
	HYBRID ELM (Ulmus species)	
	KATSURA TREE (Cercidiphyllum japonicum)	
	KENTUCKY COFFEETREE (Gymnocladus dioicus)	
	LACEBARK ELM (Ulmus parvifolia)	
	SHANTUNG MAPLE (Acer truncatum)	
	SHINGLE OAK (Quercus imbricaria)	
	SHUMARD OAK (Quercus shumardii)	
	SILVER LINDEN (Tilia tomentosa)	
	SWAMP BUR OAK (Quercus x schuettii)	
	SWAMP WHITE OAK (Quercus bicolor)	
	SWEETGUM (Liquidambar styraciflua)	
	TULIP TREE (Liriodendron tulipifera)	
	TURKISH FILBERT (Corylus colurna)	
	WHITE OAK (Quercus alba)	
	WILSON'S ELM (Ulmus wilsoniana)	
	ZELKOVA (Zelkova serrata)	
	BITTERNUT HICKORY (Carya cordiformis)	
	CHESTNUT OAK (Quercus montana)	
	CRIMSON SPIRE OAK (Quercus alba x robur)	
	HARDY RUBBER TREE (Eucommia ulmoides)	
	HARVEST GOLD LINDEN (Tilia cordata x mongolica)	
	HERITAGE OAK (Quercus x macdanielii)	
	HILL'S OAK (Quercus ellipsoidalis)	
	JORDAN STREET OAK (Q. alba x macrocarpa "Atwood")	
	SHAGBARK HICKORY (Carya ovata)	
	SUGAR BERRY (Celtis laevigata)	
	SWAMP CHESTNUT OAK (Quercus michauxii)	
	TRIPLE CROWN OAK (Quercus "Taylor")	
	YELLOW BUCKEYE (Aesculus flava)	

VILLAGE OF NORTHBROOK

Chapter 25	Exhibit E FY 2026 Chapter 25 - Tree Protection and Preservation, Vegetation	FY27 REQUESTED UPDATES
	Scarlet Letter Oak (Quercus x Scarlet Letter)	
Medium Trees (30 feet to 45 feet)	**Medium Trees (30 feet to 45 feet)**	
	AMERICAN HORNBEAM (Carpinus caroliniana)	
	AMERICAN YELLOWWOOD (Cladrastis kentukea)	
	AMUR CORKTREE (Phellodendron amurense)	
	EUROPEAN HORNBEAM (Carpinus betulus)	
	HEDGE MAPLE (Acer campestre)	
	IRONWOOD (Ostrya virginiana)	
	STATE STREET MIYABE MAPLE (Acer miyabe)	
	OHIO BUCKEYE (Aesculus glabra)	
	PERSIMMON (Diospyros virginiana)	
	RED HORSECHESTNUT (Aesculus x carnea)	
	RIVER BIRCH (Betula nigra)	
	WITCHHAZEL (Hamamelis virginiana and Hamamelis vernalis)	
	BLACK LOCUST (Robinia pseudoacacia)	
	CRIMSON SUNSET MAPLE (A. truncatum x platanoides)	
	CUCUMBERTREE MAGNOLIA (Magnolia acuminata)	
	OSAGE ORANGE (Maclura pomifera)	
	PURPLE CATALPA (Catalpa x erubescens)	
Small Trees (Under 30 feet)	**Small Trees (Under 30 feet)**	
	ALLEGHANY SERVICEBERRY (Amerlanchier laevis)	
	AMUR MAPLE (Acer ginnala)	
	PEKING LILAC (Syringa pekinensis)	
	COCKSPUR HAWTHORN (Crataegus crus-galli)	
	CRABAPPLE (Malus species)	
	EASTERN WAHOO (Euonymus atropurpureus)	
	FOX VALLEY RIVER BIRCH (Betula nigra 'Little King')	
	JAPANESE TREE LILAC (Syringa reticulata)	
	PAW PAW (Asimina triloba)	
	EASTERN REDBUD (Cercis canadensis)	
	SHADBLOW SERVICEBERRY (Amelanchier arborea)	
	TATARIAN MAPLE (Acer tataricum)	
	APPLE SERVICEBERRY (Amelanchier x grandiflora)	
	AMUR MAACKIA (Maackia amurensis)	
	KOBUS MAGNOLIA (Magnolia kobus)	
	SAUCER MAGNOLIA (Magnolia x soulangeana)	

VILLAGE OF NORTHBROOK

Chapter 25	Exhibit E FY 2026 Chapter 25 - Tree Protection and Preservation, Vegetation	FY27 REQUESTED UPDATES
	SASSAFRAS (Sassafras albidum)	
	STAR MAGNOLIA (Magnolia stellata)	
	THREE FLOWER MAPLE (Acer triflorum)	
Conifers	**Conifers**	
	BALSAM FIR (Abies balsamea)	
	BLACK HILLS SPRCE (Picea glauca var. densata)	
	BLACK SPRUCE (Picea mariana)	
	DOUGLAS FIR (Pseudotsuga menziesii)	
	EASTERN HEMLOCK (Tsuga canadensis)	
	EASTERN RED CEDAR (Juniperus virginiana)	
	SERBIAN SPRUCE (Picea omorika)	
	WHITE FIR (Abies concolor)	
	WHITE PINE (Pinus strobus)	
	WHITE SPRUCE (Abies glauca)	
	CONCOLOR FIR (Abies concolor)	
	KOREAN PINE (Pinus koraiensis)	
	LIMBER PINE (Pinus flexilis)	
	SWISS STONE PINE (Pinus cembra)	

VILLAGE OF NORTHBROOK

Section 27-37: Use of Groundwater as Potable Water Prohibited	Exhibit F FY 2026	FY27 REQUESTED UPDATES
430 Skokie Boulevard	**Those parcels including 430 Skokie Boulevard and certain parcels located to the east, west, and south thereof, and legally described as follows:** The area between the north right -of-way line of Dundee Road and a line parallel to and 110 feet north of said north right-of-way line of Dundee Road and between the east right-of-way line of Skokie Boulevard and a line parallel to and 175 feet west of said east right-of-way line of Skokie Boulevard; as well as portions of the public rights-of-way of Henrici Drive to the east, Dundee Road to the south, and Skokie Boulevard to the west directly adjanent to the above described parcel.	
1000 Skokie Boulevard	That part of the southwest 1/4 of the northwest 1/4 and that part of the northwest 1/4 of the southwest 1/4 of section 12, township 42 north, range 12, east of the third principal meridian, lying easterly of a line, which is 135.00 feet, measured perpendicularly, northeasterly from and parallel with the easterly righ of way ine (100.00 feetwide) of the Chicago and Northwestern Railway Company and lying westerly of the northeasterly line of Skokie Highway, all in Cook County, Illinois, excepting therefrom the following: That part of the southwest 1/4 of the northwest 1/4 of section 12, township 42 north, range 12, east of the third principal meridian, bounded and described as follows: beginning at the northwest corner of the southwest 1/4 of the northwest 1/4 of said section 12; thence east aloing the north line of said southwest 1/4 of the northwest 1/4, adistance of 195.29 feet to its intersection with the northeasterly line of Skokie Highway; thence southeastwardly along the northeasterly line of Skokie Highway, a distance of 591.14 feet; thence southwestwardly along a line perpendicular to said northeasterly line of said Skokie Highway, a distance of 437.90feet; thence northwestwardly, a distance of 75.80 feet to a point on the west line of the southwest 1/4 of the northwest 1/4 of said section 12, which is 683.25 feet south from the point of beginning; thence north along said west line of the southwest 1/4 of the northwest 1/4 of said section 12, a distance of 683.25 feet to the point of beginning; Also excepting that part of the northwest 1/4 of the southwest 1/4 of section 12 township 42 north, range 12, east of the third principal meridian, bounded and described as follows; beginningat the southeast corner of the northwest 1/4 of the southwest 1/4 of said section 12; thence west along the south line of the northwest 1/4 of the southwest 1/4 of said section 12, a distance of 482.65 feet to its intersectin with a line, which is 135.00 feet, measured perpendicularly, northeasterly from an parallel with the northeasterly line of the right of way (100.00 feeet wide) of the Chicago and Northwestern Railway Company; Thence northwestwardly along said parallelline, a distance of 424.27 feet; thence northeastwardly along a line, which is perpendicuar to said parallel line, a distance of 591.45 feet to the point of intersection of said perpendicular line wih the northeastely line of Skokie Highway; thence southeastwardly along said northeasterly line of Skokie Highway, a distance of 317.60 feet to its intersection with the east line of the northwest 1/4 of the southwest 1/4 of said section 12; thence south along the east line of the northwest 1/4 of the southwest 1/4 of said section 12, a distance of 357.02 feet to the point of beginning; Also excepting the west 40.00 feet thereof dedicated for Sunset Ridge Road, by plat of dedication recorded March 12, 1997 as Document 97169556, Also excepting that part of Skokie Highway dedicated by plat recorded as Document Number 1028220.	
1200 Meadow Road	**Those parcels including 1200 Meadow Road and certain parcels located south and west thereof, and legally described as follows:** The area between the north right-of-way line of Cherry Lane and a line parallel to and 225 feet south of said north right-of-way line of Cherry Lane and between the east right-of-way line of Meadow Road and a line parallel to and 225 feet west of said east right-of-way line of Meadow Road.	

VILLAGE OF NORTHBROOK

Section 27-37: Use of Groundwater as Potable Water Prohibited	Exhibit F FY 2026	FY27 REQUESTED UPDATES
1347 Shermer Road	**Those parcels including 1347 Shermer Road and certain parcels located to the west thereof, and legally described as follows:** The area between the north right-of-way line of Shermer Road and the south right-of-way line of Walters Avenue and between the east right-of-way line of Meadow Road and a line parallel to and 215 feet west of said east right-of-way line of Meadow Road.	
4105 Dundee Road	**Those parcels including 4105 Dundee Road and certain parcels located south and west thereof, and legally described as follows:** The area between the north right-of-way line of Dundee Road and a line parallel to and 750 feet south of said north right-of-way line of Dundee Road and between the east right-of-way line of Sanders Road and a line parallel to and 850 feet west of said east right-of-way line of Sanders Road.	
1901 Cherry Lane	**Those parcels including 1901 Cherry Lane legally describes as follows:** Lots 1 and 2 in Northbrook Commercial Trust Subdivision of Part of Lot 41 in Walter's Resubdivision of Part of the Northeast Quarter of the Southeast Quarter of Section 9, Township 42, Range 12 East of the Third Principal Meridian. Also, Part of the Northeast Quarter of Section 9, and Part of the Northwest Quarter and Southwest Quarter of Section 10, Aforesaid, in Cook County, Illinois.	Updated and included
1919 Stanley Street	**The parcel at 1919 Stanley Street, legally described as follows:** Lots 1 and 2 in Lu-Mar Realty Company's resubdivision of lot of lot 5, in Stanley subdivision in the northwest ¼ of section 15, township 42 north, range 12, east of the third principal meridian, according to plat of said Lu-Mar Realty Company's resubdivision, registered in the Office of the Registrar of Titles of Cook County, Illinois, on June 2, 1959, as document #1864829	Updated and included
1916 Techny Road	**The parcel at 1916 Techny Road, legally described as follows:** Lot 5 in Rosenow's subdivision of part of the southwest quarter (¼) of the northwest quarter (¼) of section 15, township 42 north, range 12 east of the third principal meridian, according to plat thereof registered in the Office of the Registrar of Titles of Cook County, Illinois, on June 13, 1962, as document # 2038368	Updated and included
1896 Kingsley Circle	**The parcel at 1896 Kinglsey Circle, described as follows:** Generally located north of Techny Road rights of way and south of the parcels commonly known as 1919 Stanley Street and 1829 Stanley Street. It is bounded on the west by the parcel commonly known as 1916 Techny Road and on the east by the Canadian Pacific Railroad right of way commonly known as 1908 Techny Road, and it lies along exterior rights of way of Kingsley Circle.	Updated and included
1942 Kinglsey Circle	**The parcel at 1942 Kinglsey Circle, legally described as follows:** Lot 6 in block 6 in Sterling Place, being a subdivision in the northwest quarter of section 15, township 42 north, range 12 east of the third principal meridian according to the plat thereof recorded November 14, 2019 as document 1931816166, in Cook County, Illinois	Updated and included
1944 Kingsley Circle	**The parcel at 1944 Kinglsey Circle, legally described as follows:** Lot 5 in block 6 in Sterling Place, being a subdivision in the northwest quarter of section 15, township 42 north, range 12 east of the third principal meridian according to the plat thereof recorded November 14, 2019 as document 1931816166, in Cook County, Illinois	Updated and included
1946 Kingsley Circle	**The parcel at 1946 Kinglsey Circle, legally described as follows:** Lot 4 in block 6 in Sterling Place, being a subdivision in the northwest quarter of section 15, township 42 north, range 12 east of the third principal meridian according to the plat thereof recorded November 14, 2019 as document 1931816166, in Cook County, Illinois	Updated and included.

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Alice Drive	West side, from Hazelwood Avenue to Melvin Drive	
Alice Drive	East side, from the northerly point of curvature to Melvin Drive	
Alice Drive	East side, from the southerly point of curvature to Hazelcrest Drive	
Ancient Tree Road	Westerly side, through its full length south of Cherry Lane	
Angle Avenue	West side, from Shermer Road to Milton Avenue	
Angle Avenue	East side, from Shermer Road to Lincoln Avenue	
Antelope Springs Drive	North side, from Sussex Drive to Spring Hill Drive	
Anthony Trail	Both sides, from Dundee Road (State Route 68) to MacArthur Boulevard	
Academy Drive	Both sides, for its full extent south of Commercial Avenue.	
Arnold Lane	Both sides, from Academy Drive to Lindberg Lane.	
Bayberry Drive	North side, from Laburnum Drive to a point 150 feet east of Laburnum Drive.	
Beaumont Place	South side, from Lancaster Way to Tudor Lane.	
Bordeaux Drive	Both sides, between Sanders Road and 200 feet west of the west edge of pavement of Sanders Road	
Briarwood Lane	West side, from Cherry Lane to Oak Avenue.	
Berglund Place	North side, from the western edge of pavement on Berglund Place to the edge of pavement on Whitfield Road, Permit Parking Only	
Berglund Place	South side, from the western edge of pavement on Berglund Place to the edge of pavement on Whitfield Road, Permit Parking Only	
Carlson Drive	East side, from Janke Drive to and including its cul-de-sac terminus.	
Catherine Street	North side, from Greenbriar Lane to Western Avenue	
Cedar Lane	Both sides, from Illinois Road to Oak Avenue	
Cedar Lane	East side, through the frontage of the Northbrook Public Library to Cherry Lane	
Center Street	North side, from First Street to Briarwood Lane	
Chapel Court	North side, from Church Street to Waukegan Road (State Route 43)	
Charlemagne Drive	Both sides, for a distance of three hundred feet (300') north of Dundee Road (State Route 68).	
Charlemagne Drive	Both sides, from Dundee Road (State Route 68) to Palm Canyon Drive	

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Cherry Lane	North side, from 115 feet west of Cedar Lane to Keystone Avenue	
Cherry Lane	South side, from Greenbriar Lane to Keystone Avenue	
Cherry Lane	Both sides, from Landwehr Road to Ancient Tree Road	
Church Street	West side, from Shermer Road to Walters Avenue	
Church Street	East side, for a distance of one hundred feet (100') south of Shermer Road	
Church Street	Both sides from Shermer Road to Keystone Avenue	
Commercial Avenue	Both sides, from Sanders Road to Anthony Trail	
Daryl Lane	West side, from the edge of pavement on Ridge Road for a distance of three hundred seventy feet (370') to the south	
Doolittle Drive	Both sides, from Academy Drive to Lindberg Lane	
Dundee Road (State Route 68)	Both sides, for its full distance through the Village	
Elm Avenue	Both sides, for a distance of 200 feet north of Maple Avenue	
Elm Avenue	North side, from the West Fork of the North Branch of the Chicago River to Lorenz Drive	
Era Drive	East side, from Commercial Avenue to Woodhead Drive	
Farnsworth Lane	North side, from Western Avenue to Fieldwood Drive	
Farnsworth Road	North side, from Shermer Road to a point 440 feet east of the east edge of pavement of Shermer Road as measured along the roadway centerline	
Farnsworth Road	North side, from Shermer Road to a point 440 feet east of the east edge of pavement of Shermer Road as measured along the roadway centerline	
Ferndale Avenue	North side, from Waukegan Road (State Route 43) to its eastern terminus	
First Street	East side, from Walters Avenue to its northern ternimus and, on the west side from Center Street to the driveway for the Northbrook Civic Foundation	
Greenbriar Lane	West side, from Walters Avenue to Cherry Lane	
Greenview Road	West side, from Techny Rd to Sherman Dr, no parking between the hours of 8am to 9am and 2:30pm to 3:30pm on school days. East side, from Techny Rd to Sherman Dr, no parking anytime.	
Greenwood Road	West side, from Dundee Road to point 500 feet north and on the east side from Dundee Road to a point 150 feet north	
Harbor Lane	South side, from Anthony Trail to Helen Drive	
bor Lane	From Helen Drive to 50 feet west of Helen Drive	

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Harborside Drive	Easterly side thereof, through its full length north of Cherry Lane	
Hazelwood Avenue	East side, from Dundee Road (State Route 68) to Alice Drive	
Helen Drive	West side, from Melvin Drive to Hazelwood Avenue	
Helen Drive	East side, from the northerly point of curvature to Melvin Drive	
Helen Drive	East side, from the southerly point of curvature to Hazelcrest Drive	
Holste Road	North side, from Shermer Road to and including the cul-de sac terminus	
Holste Road	South side, from Shermer Road for a distance of four hundred twenty-five feet (425') to the east	
Huehl Road	East side, from Landwehr Road to Woodhead Drive	
Huehl Road	Both sides, from Dundee Road (State Route 68) to Landwehr Road	
Huehl Road	West side from Commercial Avenue to Woodhead Drive	
Illinois Road	North side, from Shermer Road to Penfold Place	
Janke Drive	Both the north and south side, from Carlson Drive to Shermer Road	
Janke Drive Cul-de-Sac	Both the inside and outside of the cul de sac	
Keystone Avenue	Both sides, from Cherry Lane to Kiest Avenue	
Kiest Avenue	South side, from Keystone Avenue to Angle Avenue	
Kiest Avenue	North side, from Angle Avenue to Waukegan Road (State Route 43)	
Koepke Road	North side, from Miller Road to Pfingsten Road	
Laburnum Drive	West side, from Bernay Drive to Dauphine Avenue	
Landwehr Road	West side, from Huehl Road for its full distance south through the Village	
Landwehr Road	East side, from Pheasant Creek Drive to Huehl Road	
Landwehr Road	East side, from 350 feet north of Walters Avenue to the southern limits of the Village	
Lindberg Lane	Both sides, from Landwehr Road to Doolittle Drive	
Lorenz Drive	West side, from Shermer to Illinois and east side from 100 feet south of Shermer to Illinois Road	
MacArthur Boulevard	Both sides, from Wainwright Drive to Melvin Avenue	
ple Avenue	South side, from Orchard Lane to the driveway entrance to the Northbrook Junior High School	

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Maple Avenue	North side, from Waukegan Road (State Route 43) to Elm Avenue	
Maple Avenue	North side, from Shermer Road to Cedar Lane	
Meadow Road	Both sides from Cherry Lane to Lincoln Avenue	
Melvin Avenue	Both sides, from Maria Avenue to MacArthur Boulevard and on the east side from Maria Avenue to Alice Drive	
Midway Road	Both sides, from Dundee Road (State Route 68) to Gregg Road	
Midway Road	North side, from Sunset Ridge Road to Dell Road	
Midway Road	Both sides, approximately 100 feet east of the southerly intersection of Midway Road and Whitfield Road	
Northbrook Avenue	Both sides, for its full distance from Midway Road to Korean Central Covenant Church property	
Oak Avenue	North side, from Cedar Lane to Penfold Place	
Oak Avenue	North side, from the dge of pavement on Shermer Road for a distance of approximately one hundred fifty six feet (156') to the eastern right of way line of the Oak Avenue Alley	
Oakleaf Terrace	West side, between Ferndale Avenue and Dundee Road (State Route 68)	
Orchard Lane	East side, between Maple Avenue and Illinois Road	
Old Willow Road	North side for its full distance	
Pfingsten- Frontage Road	Both sides, north of Maria Avenue	
Pfingsten Road	Both sides, for its full distance through the Village	
Pfingsten Road	On the raised median between Dundee Road and Crabtree Lane	
Pheasant Creek Drive	Both sides, from Landwehr Road to Spring Hill Drive	
Pheasant Creek Drive	South side, from Spring Hill Drive to Sussex Drive	
Raymond Drive	South side, from Carlson Drive to Shermer Road	
Revere Drive	West side, from Lake-Cook Road south to and including the cul-de-sac terminus	
Revere Drive	East side, for a distance of two hundred fifty feet (250') south of Lake-Cook Road	
Salceda Drive	East side, from Willow Road to Valencia Drive	
Sanders Road	Both sides, for its full distance through the Village	
Sherman Drive	Both sides, from Shermer Road to Greenview Road	

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Smith Road	Both sides and at its terminus, north of Lilac Lane	
Second Street	West side, from Techny Road to Glenbrook North High School	
Shermer Road	Both sides, from the Dundee Road (State Route 68) to Lee Road	
Shermer Road	North side from Walters Avenue to the Metra railroad tracks	
Shermer Road	Both sides, from Church Street to a point 500 feet east of Waukegan Road	
Shermer Road	West side, from the center line of Old Willow Road to the north 1,750 feet No Parking, Stopping, Standing Anytime	
Shermer Road	East side, from the center line of Holste Road to the north 750 feet No Parking, Stopping, Standing Anytime	
Shermer Road	Both sides from Walters Avenue to Willow Road	
Skokie Boulevard	Both sides, for its full distance through the Village	
Sorrel Drive	North side, from Laburnum Drive to a point 150 feet east of Laburnum Drive	
Spring Hill Drive	West side from Antelope Springs Drive to Pheasant Creek Drive	
Spring Hill Drive	On the external side of the street, looping north from and south to Pheasant Creek Drive	
Spruce Street	East side, from Walters Avenue to Elm Avenue	
Stanley Street	Both sides, for its full extent east of Shermer Road	
Sunset Ridge Road	Both sides, for its full distance through the Village	
Sussex Drive	West side, from Pheasant Creek Drive to Anelope Springs Drive	
Sycamore Lane	East side, from Maple Avenue to a point 60 feet north of the centerline of Maple Avenue	
Tamarind Drive	North side, from Laburnum Drive to a point 150 feet east of Laburnum Drive	
Valencia Drive	Both sides, from Shermer Road to Salceda Drive	
Voltz Road	Along the north (entrance) and south (exit) curb lane, the entire length of the landscape island in the Park Place Estates Subdivision	
Wainright Drive	Both sides, from Commercial Avenue to MacArthur Boulevard	
Walters Avenue	North Side from Landwehr Road to Regent Drive	
Walters Avenue	North side, from Hillside Drive to Waukegan Road (State Route 43).	
lters Avenue	North side from the edge of pavement on Sanders Road to the west 185' - No Parking	

VILLAGE OF NORTHBROOK

Municipal Code Section 24-101	Exhibit G FY 2026	FY27 REQUESTED UPDATES
Street	**NO PARKING AREAS - SPECIFIC LOCATIONS**	
Walters Avenue	South side from the edge of pavement on Sanders Road to the west 265' - No Parking	
Walters Avenue	South side from Waukegan road (State Route 43) to Meadow Road	
Waukegan Road (State Route 43)	Both sides, for its full distance through the Village	
Western Avenue	East side, from Farnsworth Lane to Asbury Road	
Western Avenue	Both sides, for a distance of three hundred (300') south of Dundee Road (State Route 68)	
Western Avenue	West side from Scott Road to Asbury Road	
Whitfield Road	Both sides, approximately 75 feet north and south of the southerly intersection with Midway Road	
Wilshire Lane	North side, from the edge of pavement on Pfingsten Road to the east 465 feet, No Parking.	
Wilshire Lane	South side from the edge of pavement on Pfingten Road to the east 155 feet, No Parking.	
Wilshire Lane	Two Cul-de-sacs located 155 feet and 465 feet east from the edge of pavementon Pfingsten Road, No Parking	
Woodhead Drive	South side, from Huehl Road to Era Drive	
Woodhead Drive	North side, a distance of 1,300 feet east of Era Drive	
Woodhead Drive	North side, "No Parking Between Signs" between Huehl Road the "S" curve opposite truck loading entrances	

VILLAGE OF NORTHBROOK

Section 24-102: Exhibit H - Limited Parking
FY 2026

FY27 REQUESTED UPDATES

LIMITED PARKING - SPECIFIC LOCATIONS

Parking is prohibited in the following locations between the hours of 9:00 a.m. and 10:00 a.m. except on Saturdays, Sundays and holidays, providing, however, that vehicles properly registered to residents of homes immediately adjacent to the following locations are exempt from such restrictions when specifically approved by the Village Manager:

Butternut Lane between Techny and Dehne on both sides.
Cedar Lane, on both sides, north from Oak Avenue to angle parking abutting public property (Village Hall and Greenbriar School).
Center Street, on the south side, from First Street to Greenbriar Lane.
Elm Avenue on the south side, from the West Fork of the North Branch of the Chicago River to the Soo Line Railroad.
Glendale Avenue between Techny and Dehne on both sides.
Illinois Road, on the south side, from Shermer Road Street to Penfold Place.
Illinois Road, on the north side, from Spruce Street to the Soo Line Railroad.
Maple Avenue, on the south side, from Shermer Road to Cedar Lane; and on both sides, from Cedar Lane to Briarwood Lane.
Maple Avenue, on both sides, from the West Fork of the North Branch of the Chicago River to the Soo Line Railroad.
Oak Avenue, on both sides, from the West Fork of the North Branch of the Chicago River to the Soo Line Railroad.
Oak Avenue, on both sides, from Shermer Road to the Soo Line Railroad.
Alice Drive
East side, from the southerly point of curvature to the northerly point of curvature between 9:00 p.m. and 7:00 a.m
Angle Avenue
East side, from Lincoln Avenue to Kiest Avenue between 9:00 a.m. and 4:00 p.m. except Sundays and holidays
Asbury Road
North side, from the edge of pavement on Western Avenue to the west 392 feet, no parking between the hours of 8 a.m. to 9 a.m., and 2:30 p.m. to 3:30 p.m. on school days

VILLAGE OF NORTHBROOK

Section 24-102: Exhibit H - Limited Parking
FY 2026

FY27 REQUESTED UPDATES

LIMITED PARKING - SPECIFIC LOCATIONS

North side, between Western Avenue and Glendale Avenue, no parking between the hours of 8 a.m. to 9 a.m.,and 2:30 p.m. to 3:30 p.m. on school days
Butternut Lane
Both sides, from Techny Road to Southbridge Lane No Parking, Stopping or Standing between 7:00 a.m. and 4:00 p.m. on school days
Cedar Lane
Both sides, through the extent of angular parking abutting public property (Village Hall and Greenbriar School) between 9:00 a.m. and 5 p.m. - four (4) hours except Saturday, Sundays and holidays
Center
South side, from First Street to Cedar Lane, between the hours of 8 a.m. – 10 a.m., except Saturdays, Sundays and Holidays
Center
South side, from Cedar Lane to Greenbriar Lane between the hours of 9 a.m. – 10 a.m., except Saturdays, Sundays and Holidays
Church Street
East side, from 100 feet south of Shermer Road to Walters Avenue between 8:00 a.m. and 6:00 p.m. except Sundays and holidays
Cornflower Trail
South side, approximately 650 feet west and 400 east of the centerline intersection of Whirlaway Drive and Cornflower Trail between 8 a.m. and 9 p.m.
Dehne Road
Between Western and Glendale on the north side, no parking between the hours of 8 a.m. - 10 a.m. and 2 p.m. and 4 p.m. on school days
Evert Court
Both sides, for its full distance between 7:00 a.m. and 3:00 p.m. on school days
Ferndale Avenue
South side, from Waukegan Road (State Route 43) to center line of Oak Leaf Terrace, no parking between 9:00 a.m. and 5:00 p.m. except Sundays and holidays
First Street
West side, from Walters Avenue to a point 200 feet North - 120 minutes - except Sundays and holidays
Glendale Avenue
Both sides, from Techny Road to Southbridge Lane No Parking, Stopping or Standing between 7:00 a.m. and 4:00 p.m. on school days
Harbor Lane
North side, from Anthony Trail to Helen Drive between 9:00 p.m. and 7:00 a.m
Helen Drive
East side, from the southerly point of curvature to the northerly point of curvature between 9:00 p.m. and 7:00 a.m.
Huehl Road

VILLAGE OF NORTHBROOK

Section 24-102: Exhibit H - Limited Parking
FY 2026

FY27 REQUESTED UPDATES

LIMITED PARKING - SPECIFIC LOCATIONS
Between Harris and Landwehr on the west side, no commercial vehicle parking, stopping or standing at any time
Koepke Road
South side, from Miller Road to Pfingsten Road between 8:00p.m. and 7:00 a.m
Laburnum Drive
East side, from Bayberry Drive to Dauphine Avenue between 8:00a.m. and 4:00 p.m. on school days
Lincoln Avenue
Restricted parking on the south side (behind Sunset Foods) between Keystone and Angle during business hours of 7:00 a.m. to 8:00 p.m
Lorenz Drive
East side in the loading Zone area from Shermer Road 100 feet south between 7:00 a.m. and 9:00 a.m. and 5:00 p.m. and 7:00 p.m
Maple Avenue
North side, from Elm Avenue to Orchard Lane between 8:00 a.m. and 10:00 a.m., and 3:00 p.m. and 4:00 p.m. on school days Monday through Friday.
Maple Avenue
Between Waukegan Road and Orchard Lane, on the north side, no parking between the hours of 8 a.m. and 10 a.m., on school days
Meadow Road
East side, from Shermer Road to Walters Avenue and on the west side, from Shermer Road for a distance of two hundred sixty feet (260') to the south between 6:00 a.m. and 5:00 p.m. - 2 hours - except Sundays and holidays.
Meadow Road
Both sides including all angle parking, from Cherry Lane to Shermer Road between 6:00 a.m. and 5:00 p.m. - 60 minutes - except Sundays and holidays.
Public Library & Village Hall Property
at 1201 and 1225 Cedar Lane, respectively, excluding areas reserved for employee use, between 9:00 a.m. and 5:00 p.m. - 4 hours - except Saturdays, Sundays and holidays
Raintree Lane, Snowbird Lane & Sunburst Lane
both sides for the entire length. No parking, stopping or standing between 3:00 p.m. and 4:00 p.m. - 60 minutes - on school days
Raymond Drive
No parking between 7:00 a.m. and 9:00 a.m. on school days
Scott Road
Between Western and Glendale on the north side, no parking between the hours of 8 a.m. - 10 a.m. & 2 p.m. - 4 p.m. on school days
Second Street
East side, from Techny Road to Glenbrook North High School between 8:00 a.m. and 4:00 p.m. on school days

VILLAGE OF NORTHBROOK

Section 24-102: Exhibit H - Limited Parking
FY 2026

FY27 REQUESTED UPDATES

LIMITED PARKING - SPECIFIC LOCATIONS

Shermer Road
North side, from the west end of the bridge over the West Fork of the North Branch of the Chicago River to 100 feet east of Meadow Road between 6:00 a.m. and 5:00 p.m. - 60 minutes - except Sundays and holidays
North side, from Meadow Road to Metra railroad tracks between 6:00 a.m. and 5:00 p.m. – 2 hours – except Sundays and holidays."
Shermer Road
South side, from the west end of the bridge over the West Fork of the North Branch of the Chicago River to Meadow Road between 6:00 a.m. and 5:00 p.m. - 2 hours except Sundays and holidays
South side, from Metra railroad tracks to Meadow Road between 7:00 a.m. and 9:00 a.m. and 5:00 p.m. and 7:00 p.m. - except Saturday, Sundays and holidays
South side, from Walters Road to Metra railroad tracks between 6:00 a.m. and 5:00 p.m. – 2 hours – except Sundays and holidays
South side, from Metra railroad tracks to Meadow Road between 9:00 a.m. and 5:00 p.m. – 2 hours – except Sundays and holidays
Shermer Road
East side, in the loading zone area consisting of the north 50 feet of the parking area located north of the north entrance to the Metra Commuter Parking Lot between 9 a.m. and 2 p.m
East side at 1363 Shermer Road. The two striped spaces closest ot the Metra railroad tracks - 20 Minute Parking between 8 a.m. to 8 p.m. Tuesday through Friday
Southbridge Lane
Both sides, for its full distance between 7:00 a.m. and 3:00 p.m. on school days
Southbridge Lane
Both sides, for its full distance No Parking, Stopping or Standing between 7:00 a.m. and 4:00 p.m. on school days.
Spruce Street
East side, from Elm Avenue to Illinois Road, and west side from Walters Avenue to Illinois Road between 10:00 a.m. and 11:00 a.m. - except Saturdays, Sundays and Holidays
Walters Avenue
North side, between Orchard Lane and Brees Way Lane, between the hours of 8:30 a.m. – 9:30 a.m. and 3:00 p.m. – 3:30 p.m. on school days
Walters Avenue
North side, from the east end of the bridge over the West Fork of the North Branch of the Chicago River to Church Street between 10:00 a.m. and 11:00 a.m. – except Saturdays, Sundays and Holidays
Walters Avenue
South side, in the indented curb area west of Meadow Road, between 6:00 a.m. and 5:00 p.m. - 60 minutes - except Sundays and holidays.

VILLAGE OF NORTHBROOK

Section 24-102: Exhibit H - Limited Parking
FY 2026

FY27 REQUESTED UPDATES

LIMITED PARKING - SPECIFIC LOCATIONS

Walters Avenue
North side 185' west of the edge of pavement of Sanders Road to the west 702' - **NO Parking** on School Days from 3 to 4 pm.
Walters Avenue
North side, from the west end of the bridge over the West Fork of the North Branch of the Chicago River to Lorenz Drive - Monday - Friday, except Holidays
Walters Avenue
North side from the edge of pavement on Sanders Road to the west 185" - No Parking
Walters Avenue
South side from the edge of pavement on Sanders Road to the west 265" - No Parking
Western Avenue
West side from the north entrance of Wescott School to Farnsworth Lane, no parking between the house of 8a.m. – 9a.m. and 2:30 p.m. – 3:30 a.m. on school days
Whirlaway Drive
West side, approximately 1,000 feet south and 500 north of the centerline intersection of Whirlaway Drive and Cornflower Trail between 8 a.m. and 9 p.m.

VILLAGE OF NORTHBROOK

Exhibit I		Traffic Regulations FY 2026	FY27 REQUESTED UPDATES
	Section 24-3(b)	TRAFFIC REGULATIONS FOR SPECIFIC LOCATIONS	
Operation of any vehicle at any time in excess of the following speed limit regulations for the streets listed below for each such limit:			
	(a) 40 miles per hour		
		(1) Pfingsten Road - Kingston to Keystone	
		(2) Shermer Road - Techny Road to Willow Road	
		(3) Skokie Boulevard - Edens Spur to the south boundary of the Village	
	(b) 35 miles per hour		
		(1) Grant Road - its full extent	
		(3) Skokie Boulevard - Lake Cook Road to Edens Spur	
	(c) 30 miles per hour		
		(1) Voltz Road – its full extent.	
		(2) Happ Road - its full extent.	
		(3) Lee Road - its full extent.	
		(4) Cherry Lane - Pfingsten to Landwehr.	
		(5) Walters Avenue - Pfingsten to Shermer.	
		(6) Shermer Road – Maple to Brentwood.	
		(7) Commercial Avenue - its full extent.	
		(8) Landwehr Road, north of Dundee Road	
		(9) Anthony Trail - its full extent.	
		(10) Maria Drive - its full extent.	

VILLAGE OF NORTHBROOK

Exhibit I		Traffic Regulations FY 2026	FY27 REQUESTED UPDATES
	Section 24-3(b)	TRAFFIC REGULATIONS FOR SPECIFIC LOCATIONS	
		(11) Huehl Road - its full extent.	
		(12) Era Drive - its full extent.	
		(13) Woodhead Drive - its full extent.	
		(14) Wainwright Drive - its full extent.	
		(15) Lindbergh Drive - its full extent.	
		(16) MacArthur Drive - its full extent.	
		(17) Melvin Drive - its full extent.	
		(18) Academy Drive - its full extent.	
		(19) Arnold Drive - its full extent	
	(d) 25 miles per hour		
		Any street under the Village's jurisdiction in any residentail district, as that term is defined in the Illinois Vehicle Code, 625 ILCS 5/1-172, except for those streets for which a different	
	(e) 20 miles per hour		
		(1) Alice Drive - Hazelwood Drive to Melvin Drive.	
		(2) Antelope Spring Drive - its full extent.	
		(3) Ancient Tree Road - its full extent.	
		(4) Greenview Road - Techny Road to Willow Road.	
		(5) Greenwood Road - Greenview Road to the south Village boundary.	
		(6) Helen Drive - Hazelwood Drive to Melvin Drive.	
		(7) Lake Knoll Drive - Old Mill Road to White Oak Drive.	
		(8) Pheasant Creek Drive - its full extent.	

VILLAGE OF NORTHBROOK

Exhibit I		Traffic Regulations FY 2026	FY27 REQUESTED UPDATES
	Section 24-3(b)	TRAFFIC REGULATIONS FOR SPECIFIC LOCATIONS	
		(9) Old Mill Road - White Oak Drive to Lake Knoll Drive.	
		(10) Sherman Drive - Greenview Road to Shermer Road.	
		(11) Second Street - its full extent.	
		(12) Spring Hill Drive - its full extent.	
		(13) Sussex Drive - its full extent.	
		(14) White Oak Drive - Lake Knoll Drive to Old Mill Road.	
		(15) Dunsten Circle - its full extent.	
Operation of any vehicle at any time except for the purpose of delivery or pick-up and then no more than the minimal distance required			
	(a) On any Village street if in excess of eight (8) tons gross weight.		
	(b) On Greenview Road from Techny Road to Sherman Drive if in excess of four (4) tons gross weight		
Operation of any vehicle at any time other than the direction specified:			
	(a) Church Street from Walters Avenue to Shermer Road temporarily northbound when posted.		
	(b) Maple Avenue eastbound from Sycamore Lane to Orchard Lane.		
	(c) Orchard Lane northbound from Maple Avenue to Walters Avenue.		
	(d) Lorenz Drive northbound from Walters Avenue to Shermer Road.		
	(e) Sycamore Lane southbound from Walters Avenue to Maple Avenue.		
Parking of any vehicle at any time other than a licensed taxicab or mass transit bus:			
	(a) As posted in the municipal off-street parking facility adjacent to the east passenger platform of the Soo Line Railroad.		
	(b) Shermer Road as posted adjacent to the municipal off-street parking facility located west of the Soo Line Railroad.		
	(c) Shermer Road, on the east side, fifty feet (50') north of Walters Avenue as posted.		

VILLAGE OF NORTHBROOK

EXHIBIT J Mobile Truck Location Restrictions FY 2026	FY27 REQUESTED UPDATES
Section 13-51 Location Restrictions for Mobile Truck Locations	
Meadow Road	
between Cherry Lane and Walters Avenue	
Sunset Ridge:	
The designated perpendicular parking stalls located on the southern side of Sunset Ridge east of Skokie Boulevard	

MEMORANDUM

To: Village Manager Pavlicek
From: Director of Development & Planning Services Amy McEwan
Date: April 3, 2026
Subject: Annual Fee Ordinance Amendments

On April 28, 2026 the Board of Trustees will consider a series of amendments to the Annual Fee Ordinance proposed by the Development & Planning Services Department (DPS). DPS staff have reviewed the level of effort necessary for each permit type, the cost to provide the service, and how the fees in Northbrook compare with the fees charged by surrounding jurisdictions. Staff conducted a similar review of residential permit fees in 2025. Non-residential permit fees have not been comprehensively reviewed and updated in more than ten years.

Staff considered the following questions when reviewing the permit fees.

- Are fees transparent and easy for the customer to understand?
- How much time is necessary for staff to determine the fees and can we administer it consistently?
- Are fees consistent with the level of effort and cost to the Village for completing the application, permit issuance, plan review and inspection services?
- How do Northbrook's services and fees compare to our surrounding jurisdictions?
- What is the rationale, and when asked, am I able to explain it?

The current non-residential fee structure is calculated using a complex schedule of individual fees. The current system creates the black box effect, making it nearly impossible for the customer to understand the method or accuracy of the calculation. In addition, it is time-consuming for the staff to prepare and difficult to maintain consistency.

We selected communities that have a similar mix of commercial, office, industrial and multi-family residential and compared ourselves with the Villages of Wheeling, Deerfield, Highland Park, Vernon Hills, and Glenview. In our review of other jurisdictions, we were specifically looking for permit fee schedules or methods that addressed the challenges we and our customers were experiencing with our current structure. In our review we found Villages who calculated fees like our current method; however, we also discovered some strategies which produced better outcomes for our bulleted questions above.

The staff recommendation is a complete reorganization for how the Village will calculate commercial and multiunit residential permits. It is a simplified fee structure consisting of a flat application fee of $600.00 for all applicants plus a calculation based on 1.2% or 1.4% of construction cost. Then we applied this fee structure to the actual permit data for 2023, 2024, and 2025 to determine how it would work in Northbrook. The result of this approach is a fee structure that increases our fees slightly higher than the current structure; however, Northbrook commercial fees will remain in the middle of the range of comparable communities. The proposed fee modification similarly aligns with inflation and continues Northbrook's practice of remaining comparable with surrounding communities for similar scopes of work. If number and type of permits in the coming years is consistent with the past three years, the changes to the non-residential/commercial fee structure is projected to increase revenue by a range between $200,000-$230,000 annually while remaining near the median fee level of surrounding communities.

The recommendation results in the elimination of several individual fees to simplify the permit fee calculation process for customers and staff, as well as some text changes to other line items that will remain to also assist in the ease of reading the permit fee line items in the annual fee ordinance.

Lastly, staff recommends the addition of a required $1,000.00 escrow for residential annexation applications. Currently, the residential annexation applications pay a $750.00 fee, but there is not an escrow payment to account for third party recoverable expenses. Staff recommend establishing an annexation escrow which also aligns with other Village development applications which already require an escrow for recoverable third party expenses.

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
AMEND	Section 6-9: Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees	Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees	
AMEND	Section 6-9: Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees	Permit and general inspection fees for a new single ~~family~~ unit and individual multi unit residence	$3.00 per square foot of floor area.
AMEND	Section 6-9: Single ~~Family~~ & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees	Permit and general inspection fees for an addition and interior alteration to a single or individual multi unit ~~family~~ residence	$3.00 per square foot of floor area with a minimum of $280.00
REMOVE	~~Section 6-9: Single Family & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees~~	~~Permit and general inspection fees for an interior alteration for to a single or multi unit family residence~~	~~$3.00 per square foot of floor area with a minimum of $280.00.~~
REMOVE	~~Section 6-9: Single Family & Individual Multi Unit Residential Construction Permit Issuance & Inspection Fees~~	~~Permit and general inspection fees for basement finishing in a single or multi unit family residence~~	~~$3.00 per square foot of floor area.~~
AMEND	Section 6-9: Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees	Multi-Unit New & Non-Residential Building Construction Permit Issuance & Inspection Fees	
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees~~		
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees~~	~~Up to $ 5,000~~	~~$75.00~~

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees~~	~~$5,001 - $25,000~~	~~75.00 plus $11.50 per each $1,000 or fraction thereof in excess of $5,000.~~
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Building Construction Permit Issuance & Inspection Fees~~	~~over $25,000~~	~~$300.00 plus $10.50 per each $1,000 or fraction thereof in excess of $25,000.~~
ADD	Section 6-9: Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees	Construction Value up to $7,000,000	$600.00 Application Fee + 1.4% of CV
ADD	Section 6-9: Multi-Unit & Non-Residential Building Construction Permit Issuance & Inspection Fees	Construction Value exceeding $7,000,000	$600.00 Application Fee + 1.2% of CV
AMEND	Section 6-9: Special Feature - Single & Individual Multi Unit Residential Permit & Inspection Fees	Special Feature - Single & Individual Multi Unit Residential Permit & Inspection Fees	
AMEND	Section 6-9: Special Feature - Permit & Inspection Fees	~~Residential~~ Pool or spa	$750.00
REMOVE	~~Section 6-9: Special Feature - Permit & Inspection Fees~~	~~Commercial Pool or Spa~~	~~$1,000.00~~
AMEND	Section 6-9: ~~Power Back-up Generator~~ Special Feature - Permit & Inspection Fees	Power Back-up Generator~~: (residential)~~	$150.00
REMOVE	~~Section 6-9: Power Back-up Generator~~	~~Generator: (Commercial) Under 10,000 square feet or non-life safety related generator~~	~~$350.00~~
REMOVE	~~Section 6-9: Power Back-up Generator~~	~~Generator: (Commercial) 10,000 to 50,000 square feet~~	~~$500.00~~
AMEND	Section 6-9: Single & Individual Multi Unit Residential ~~Power Back-up Generator~~ Alternative Energy	Solar or other Alternative Power Source for an attached or detached single or individual multi unit ~~family home~~ residence	$250.00
REMOVE	~~Section 6-9: Power Back-up Generator~~	~~Solar or other Alternative Power Source for Multiple Family or Non-Residential Use~~	~~$300.00 plus $10.50 per each $1,000 or fraction thereof in excess of~~

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
			~~$25,000 construction value~~
AMEND	Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees (General Plumbing)	
AMEND	Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Minimum fee for a plumbing permit and inspection	$70.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Replacement of existing water heater	$50.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential Plumbing Permit & Inspection Fees	Single & Individual Multi Unit Residential Lawn sprinkler system	$75.00
REMOVE	~~Section 6-9: Single Family Construction:~~	~~Single Family Construction~~	-
REMOVE	~~Section 6-9: Single Family Construction:~~	~~Single-family residence - new building~~	~~Charge is included in general permit fee~~
REMOVE	~~Section 6-9: Single Family Construction:~~	~~Single-family residence – addition, alteration, fire/accident restoration, or other when general building permit is issued~~	~~Charge is included in general permit fee~~
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Plumbing Alteration or Remodel~~	~~Multi-Family & Non-Residential Plumbing: New Construction, Alteration or Remodel:~~	-
REMOVE	~~Section 6-9: General Construction & Occupancy~~	~~General Construction and Occupancy~~	-
REMOVE	~~Section 6-9: General Construction & Occupancy~~	~~Minimum Fee or under 1500 square feet~~	~~$200.00~~
REMOVE	~~Section 6-9: General Construction & Occupancy~~	~~Per additional 1000 square feet over 1500~~	~~$25.00~~
REMOVE	~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Restaurant, Medical, Specialty Care and Similar High Plumbing Fixture Uses/Structures~~	-

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
REMOVE	~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Minimum Fee or under 1500 square feet~~	~~$200.00~~
REMOVE	~~Section 6-9: Restaurant, Medical, Specialty Care & Similar High Plumbing Fixture Uses/Structures~~	~~Per additional 1000 square feet over 1500~~	~~$50.00~~
AMEND	Section 6-9: Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees	**Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation and Air Conditioning Permit & Inspection Fees**	
REMOVE	~~Section 6-9: Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees~~	~~General Mechanical & HVAC~~	
AMEND	Section 6-9: Single & Individual Multi Unit Residential Mechanical, Heating, Ventilation & Air Conditioning Permit & Inspection Fees	Minimum fee for a mechanical, HVAC permit and inspection	$70.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential Furnace	Replacement of existing furnace or similar	$50.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential Furnace	Addition of new furnace or air conditioner	$100.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential ~~Single Family~~ Construction	**Single & Individual Multi Unit Residential ~~Single Family~~ Construction**	
REMOVE	~~Section 6-9: Single Family Construction~~	~~Single-family residence - new building~~	~~Charge is included in general permit fee~~
REMOVE	~~Section 6-9: Single Family Construction~~	~~Single-family residence - addition~~	~~Charge is included in general permit fee~~
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	-
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Remodeling Activity Where HVAC previously exists: Minimum Fee or under 1500 square feet~~	~~$200.00~~

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
REMOVE	~~Section 6-9: Multi-Family & Non-Residential Mechanical Alteration or Remodel~~	~~Remodeling Activity Where HVAC Previously Exists: Per additional 1000 square feet over 1500~~	~~$15.00~~
REMOVE	~~Section 6-9: New Construction or Occupancy of Space Where HVAC did not exist~~	~~New Construction or Occupancy of Space Where HVAC did not exist. Minimum Fee or under 1500 square feet~~	~~$200.00~~
REMOVE	~~Section 6-9: New Construction or Occupancy of Space Where HVAC did not exist~~	~~New Construction or Occupancy of Space Where HVAC did not exist. Per additional 1000 square feet over 1500~~	~~$25.00~~
AMEND	Section 6-9 Single & Individual Multi Unit Residential Other Mechanical Replacement	**Single & Individual Multi Unit Residential Other Mechanical Replacement**	
AMEND	Section 6-9 Single & Individual Multi Unit Residential Other Mechanical Replacement	Single & Individual Multi Unit Residential Boiler	$400.00
REMOVE	~~Section 6-9 Other Mechanical Replacement~~	~~Cooling Tower with Structural Work~~	~~$600.00~~
REMOVE	~~Section 6-9 Other Mechanical Replacement~~	~~Cooling Tower Replacement (no structural work)~~	~~$200.00~~
REMOVE	~~Section 6-9 Other Mechanical Replacement~~	~~Chiller Replacement with structural Work~~	~~$300.00~~
REMOVE	~~Section 6-9 Other Mechanical Replacement~~	~~Chiller Replacement without structural work~~	~~$200.00~~
AMEND	Section 6-9: Single & Individual Multi Unit Residential Electrical Permit & Inspection Fees	**Single & Individual Multi Unit Residential Electrical Permit & Inspection Fees**	
REMOVE	~~Section 6-9: Other Major Rooftop Mechanical~~	~~Other Major Rooftop Mechanical~~	~~$200.00~~
AMEND	Section 6-9: Single & Individual Multi Unit Residential General Electric Work	**General Electric Work** Minimum fee for an electrical permit and inspection	$70.00
AMEND	Section 6-9: Single & Individual Multi Unit Residential Electric Service Change (meters)	**Electric Service Change (meters):** One meter, Minimum Fee	$70.00
AMEND	Section 6-9: Single & Individual Multi Unit	Per additional meter	$30.00

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
	Residential Electric Service Change (meters)		
AMEND	**Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)**	**Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)**	
AMEND	**Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)**	One panel, Minimum Fee	$200.00
AMEND	**Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)**	2-5 panels	$350.00
AMEND	**Section 6-9: Single & Individual Multi Unit Residential Panel Replacement or Addition (New Electric Service)**	Each additional 5 panels or part thereof over	$30.00
REMOVE	~~**Section 6-9: Single Family**~~	~~Single-family residence - new building, addition, or alteration, basement finishing.~~	~~Charge is included in general permit fee~~
REMOVE	~~**Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel**~~	~~**Multi-Family & Non-Residential Electric: New, Alteration or Remodel:**~~	-
REMOVE	~~**Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel**~~	~~Minimum Fee or under 1500 square feet~~	~~$200.00~~
REMOVE	~~**Section 6-9: Multi-Family & Non-Residential Electric Alteration or Remodel**~~	~~Per additional 1000 square feet over 1500~~	~~$50.00~~
REMOVE	~~**Section 6-9: Parking Lot Lighting**~~	~~New Parking lot lighting: (For each set of four light poles)~~	~~$200.00~~
REMOVE	~~**Section 6-9: Parking Lot Lighting**~~	~~New Parking lot lighting: (For each additional four poles or fraction thereof.)~~	~~$200.00~~
	Section 6-9: Fees for Demolition Activity	**Fees for Demolition Activity**	

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
	Section 6-9: Residential Demolition	**Residential Demolition**	
AMEND	**Section 6-9: Residential Demolition**	Demolition Permit & Inspection Fee for entire single or individual multi unit residence. ~~- family home.~~	$750.00
	Section 6-9: Residential Demolition	Demolition permit for detached garage.	$100.00
AMEND	**Section 6-9: Residential Demolition**	Interior demolition permit - single ~~family~~ or individual multi-~~family~~ unit residential (when separate from a permit for construction)	$100.00
	Section 6-9: Residential Demolition	Residential Tear-Down (Demolition), and In-Fill Building Permit Supplemental Escrow.	A cash escrow of $5,000.00 shall be established prior to issuance of a permit for demolition.
ADD	**Section 6-9: Non-Residential Demolition**	**Non-Residential Demolition**	
ADD	**Section 6-9: Non-Residential Demolition**	Demolition Permit & Inspection Fee - non-residential interior	$600.00 Application Fee + $250
ADD	**Section 6-9: Non-Residential Demolition**	Non-residential entire structure demo	$600.00 Application Fee + $750
REMOVE	~~**Section 6-9: Miscellaneous Building Permits**~~	~~Construction Trailer Permit Fee~~	~~$250.00~~
AMEND	**Section 6-9: Miscellaneous Building Permits**	**Residential** Interior Drain Tile Permit Fee	minimum of $210.00; dependent upon scope of work
AMEND	**Section 6-9: Miscellaneous Building Permits**	**Residential** Shed	minimum of $70.00 dependent upon size of shed
AMEND	**Section 6-9: Miscellaneous Building Permits**	**Residential** Patio/Driveway	minimum of $70.00
REMOVE	~~**Section 6-9: Miscellaneous Building Permits**~~	~~Wireless Cellular Antenna Panel Equipment Swap Out or Similar Equipment Change Permit Fee~~	~~$250.00~~

	Annual Fee Ordinance (Municipal Code Section)	Description	FY 2026 Fees (Effective 5/1/2025)
REMOVE	~~**Section 6-9: Miscellaneous Building Permits**~~	~~Wireless Cellular Antenna Tower - Addition of New Array/Platform Permit Fee~~	~~Minimum $750.00~~
ADD	**Section 19-131(a): Annexation Fees**	Annexation Escrow, for recoverable expenses, Shall be in the Following Amounts Unless the Board of Trustees finds, based on the Particular Circumstances Surrounding and Annexation that the fee Should be of a Greater or a Lesser Amount: Territory to be Zoned Residential Upon Annexation: (Per Dwelling Unit Existing of Proposed to be Constructed on the Territory)	$1,000.00

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Development and Planning Services Amy McEwan
Date: 2026-04-28
Subject: Preliminary Review of a Request by Hi-Five Sports Clubs North Shore LLC for a Zoning Code Text Amendment and Special Permits for a Physical Fitness Facility at 3451-3453 Commercial Avenue

Overview

Hi-Five Sports Clubs North Shore LLC is requesting to amend the Zoning Code to allow physical fitness facilities in the I-1 Restricted Industrial Districts, which is a request that will impact all properties zoned I-1 Restricted Industrial District.

Fiscal Impact

N/A.

Recommendation

The Village Board is asked to comment on the proposal and approve a motion that the public hearing be conducted by the Plan Commission.

Background

The applicant, Hi-Five Sports Clubs North Shore LLC, has requested a zoning code text amendment with a potential subsequent special permit and a special permit for a parking deficit in excess of 25% for a youth sports and recreation facility in the I-1 Restricted Industrial District located at 3451-3453 Commercial Avenue.

The following zoning relief is requested:

1. Zoning Code Text Amendment to add Physical Fitness Facility in excess of 2,500 square feet by special permit in I-1 District;
2. Special Permit for Physical Fitness Facility in excess of 2,500 square feet; and
3. Special Permit for parking reduction, in excess of 25% to reduce the required parking from 64 spaces to 45 spaces (30%).

In reviewing this request, we suggest the Board consider the following policy questions:

1. Are group physical fitness facilities appropriate in the I-1 Restricted Industrial District?
    1. If the Zoning Code is amended to allow physical fitness facilities in the I-1 Restricted Industrial District, it is a change which would allow this use on all properties zoned I-1 not only in Sky Harbor, but in other parts of the Village as well.
2. Is it appropriate to amend the Zoning Code to allow physical fitness facilities in excess of 2,500 square feet in the I-1 District?
    1. If so, should it be permitted by right or require a special use permit?
3. Are physical fitness facilities under 2,500 square feet appropriate for the I-1 Restricted Industrial District?
    1. If so, should they be permitted by right or require a special use permit?
4. If physical fitness facilities in excess of 2,500 square feet are appropriate for in the I-1 Restricted Industrial District, is the specific proposed location appropriate for such a facility?
    1. Should any operational limitations be considered such as hours of operation, ability for drop-off and pick-up of youth, etc?
5. If the proposed use is appropriate on the Subject Property, is it acceptable to grant a special permit to reduce the required parking by 30%?
6. Does the Board concur with the staff recommendation that the public hearing for the requested relief be conducted by the Plan Commission?

The property is described as being:

- 67,000 square feet (approximately) in size;
- zoned I-1 Restricted Industrial District;
- located on the south side of Commercial Avenue; west of Huehl Road;
- improved with a 26,000 square feet two-tenant industrial building & parking lot with 45 spaces;
- surrounded by:
    - North: I-1 Restricted Industrial District
    - South: R-4 Single Family Residential District
    - East: I-1 Restricted Industrial District
    - West: I-1 Restricted Industrial District
- designated as appropriate for General Industrial, Warehouse & Office uses in the Comprehensive Plan;
- not located within the 100-year flood plain;
- not located within a stormwater project area as identified in the Master Stormwater Management Plan; and
- The Village's Bicycle and Pedestrian Plan identifies Commercial Avenue in front of the Subject Property for Conventional Bike Lane (signage and striping to delineate the right-of-way assigned to bicyclists and motorists).

Hi-Five Sports Club is an existing business in Northbrook, currently located within the Northbrook Court mall. The current lease will expire in 2026 and the applicant is looking to relocate the same business within Northbrook.

The proposed plan notes:

- The Applicant is proposing to occupy approximately 12,000 square feet within the two-tenant industrial building. The other tenant in the building is Quality Flow, which is a water treatment/filter supplier business, and the space is primarily used as a warehouse. The proposed use will be youth sports and recreation facility in an indoor gym type of setting and per the zoning code will be considered a physical fitness facility. Currently, a physical fitness facility is not allowed in the I-1 Restricted Industrial District, therefore the applicant is seeking a Zoning Code Text Amendment along with other relief to allow the use on the property. The property owner has provided authorization (attached) to pursue a zoning relief request with the Village. Details regarding the proposed request are outlined in the attached material submitted by the Applicant.
- The programs primarily offered would include sports classes such as gymnastics, cheer, fitness, and field sports. The programs would serve participants between the age of 3 years to 14 years. During peak programming period about 60 participants with 10-20 employees are expected within the facility. Some of the other offerings include hosting special events such as birthday parties, or small group events, which will maintain similar occupancy limits on-site.
- The hours of operation will be 9:00am to 6:00pm seven days a week.
- There is no outdoor activity proposed for this use. The main entrance of the tenant space will be located along Commercial Avenue, while an entrance in the rear parking lot will be used for drop-off/pick-up.
- The Applicant has stated that the parents and guardians will enter the site from the west side of the building and park and drop-off at the rear entrance. The exit from the site will be from the east side of the building as shown on the site plan provided by the applicant, which is attached.
- There are 45 parking spaces provided on the property. The parking requirement for a physical fitness facility is 1 space per 250 square feet. The proposed use requires 50 parking spaces. The parking requirement for the other tenant in the building is 1 per 1,000 square feet for a warehouse, which is 14 spaces. A total of 64 spaces would be required for the property. Therefore, there will be a deficit of 19 spaces (30%) within the shopping center. Staff has not received any complaints related to parking on this property. A special permit to reduce required parking in excess of 25% will be required, which can be considered for approval by the Board of Trustees per the Zoning Code adopted in September 2025. Parking will be reviewed in more detail during formal review.

In reviewing the proposed plan, the Board will want to discuss the appropriateness of amending the zoning code to allow group fitness, and any other group activity uses, in the I-1 Restricted Industrial District. Historically such uses have not been allowed in the I-1 District, and the ICS Industrial and Commercial Services District was created to provide an industrial zoning district in parts of Northbrook to accommodate group uses such as fitness facilities. Given the amount of truck traffic and consolidated nature of the industrial uses in Sky Harbor, this area was not designated as appropriate for ICS zoning, whereupon instead ICS zoning was deemed appropriate along the South Shermer Road corridor and parts of Skokie Boulevard.

If the Board finds the proposed request to amend the Zoning Code appropriate, then the Board should discuss whether or not any limitations that restrict the size of group uses on an I-1

zoning property be included. This could be reflected by stating that group uses not exceeding 10% of the floor area of total building or lot. This would be similar to how the I-1 District allows accessory retail sales not to exceed 10% of the floor area by special permit; however, this type of consideration still would not allow the facility proposed by the applicant.

Lastly, the Board will want to consider if the above use is considered appropriate for a text amendment, should the text amendment include consideration of additional group uses similar in nature with the same restriction. This could apply to group education uses, religious institutions, vocational schools, membership clubs, etc. and if these uses are appropriate by right with limitations, or if a special permit should be required.

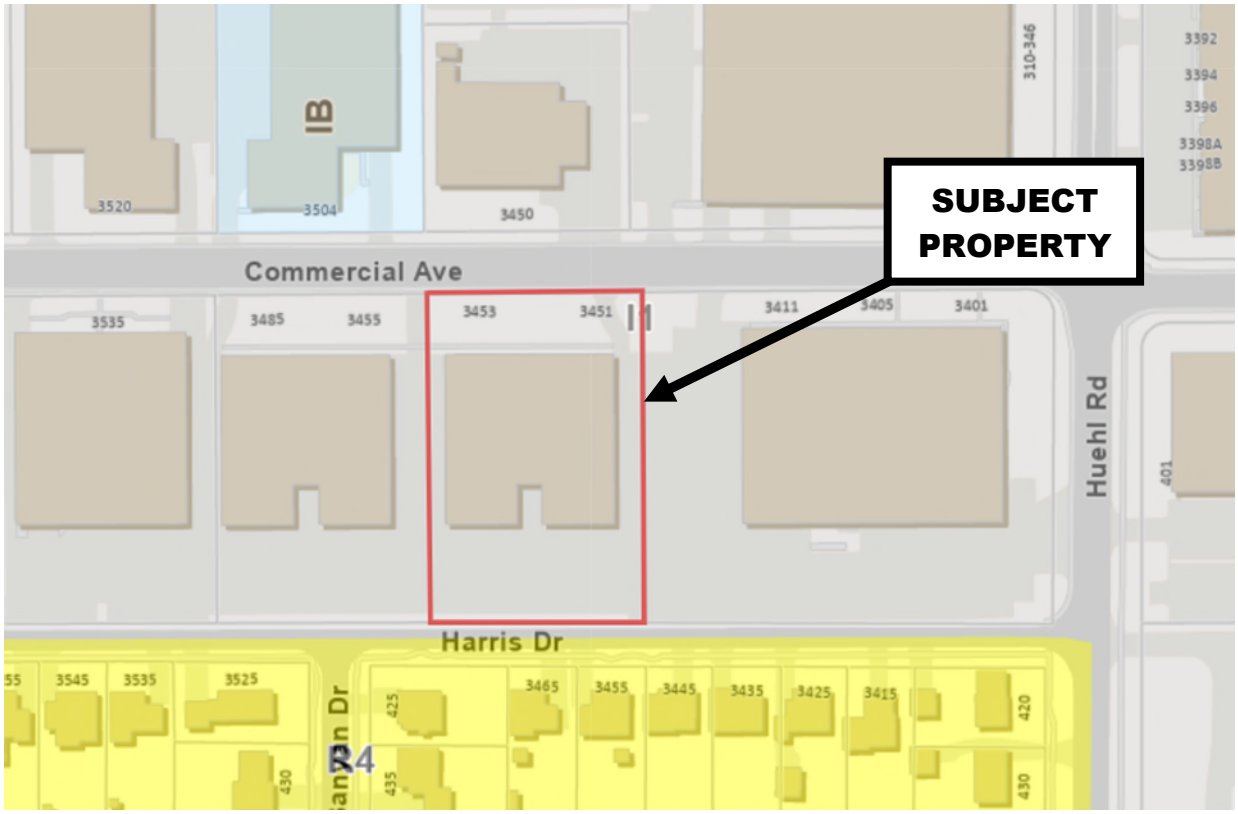
The Applicant and staff will attend the April 28, 2026 Board of Trustees meeting to answer any questions.

Supplemental - Application Summary, Aerial, Site Photos - 3451-3453 Commercial
Supplemental - Applicant Submittal - 3451-3453 Commercial
Supplemental - Staff Presentation - 3451-3453 Commercial

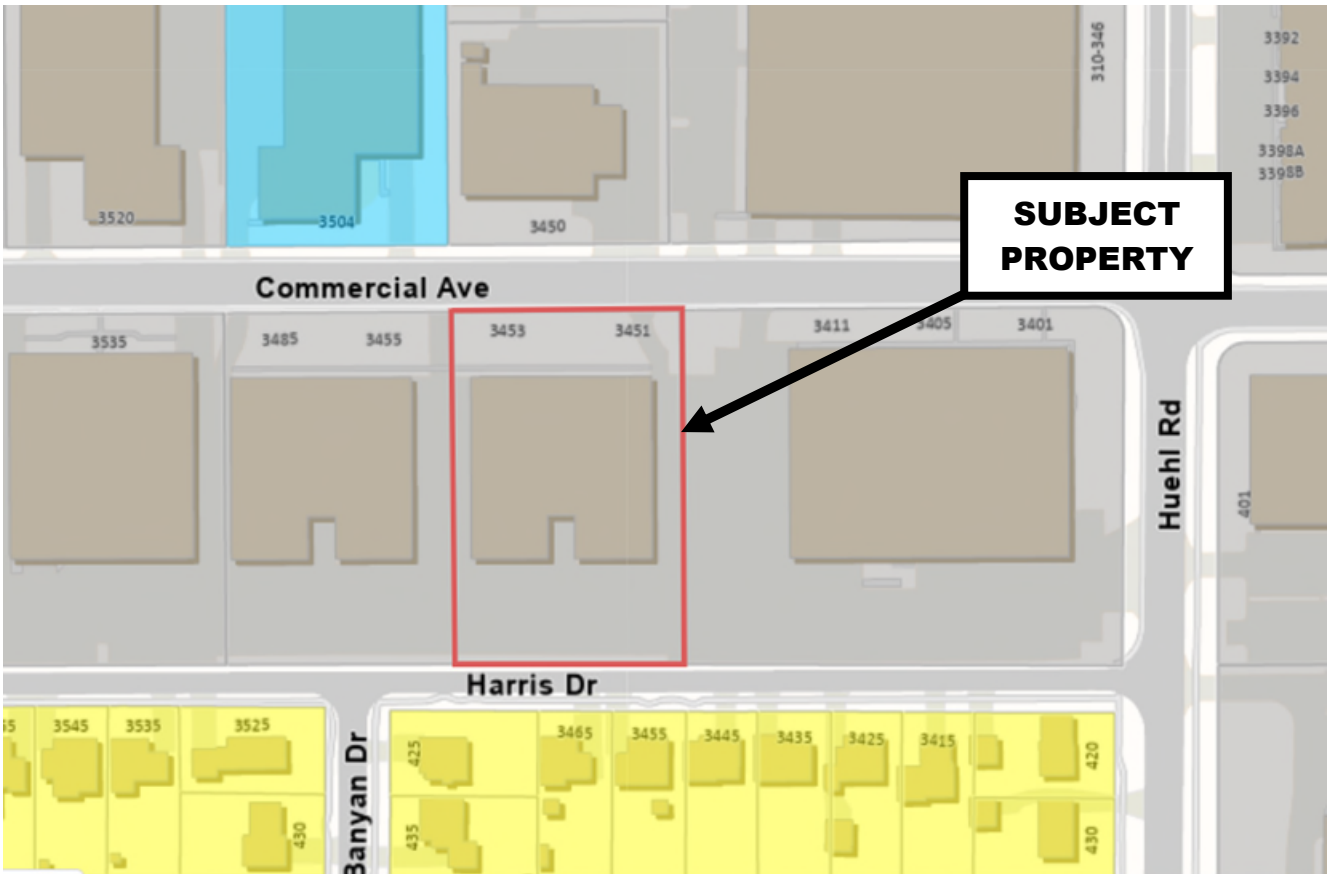
PRELIMINARY REVIEW
PRE-26-01: 3451 – 3453 COMMERCIAL AVENUE
APPLICATION SUMMARY

Applicant:	Hi-Five Sports Clubs North Shore LLC
Site Location:	3451-3453 Commercial Avenue
Requested Action:	Zoning Code Text Amendment to allow Physical Fitness Facilities in excess of 2,500 square feet in the I-1 District & Special Permit for parking deficit in excess of 25%.
Proposal:	Operate a youth sports and recreation facility in I-1 Restricted Industrial District.
Existing Zoning & Land Use:	I-1 Restricted Industrial; Two-tenant industrial use building.
Surrounding Zoning & Land Use:	North: I-1 Restricted Industrial District South: R-4 Single Family Residential District East: I-1 Restricted Industrial District West: I-1 Restricted Industrial District
Comprehensive Plan Designation:	General Industrial, Warehouse & Office

ZONING MAP



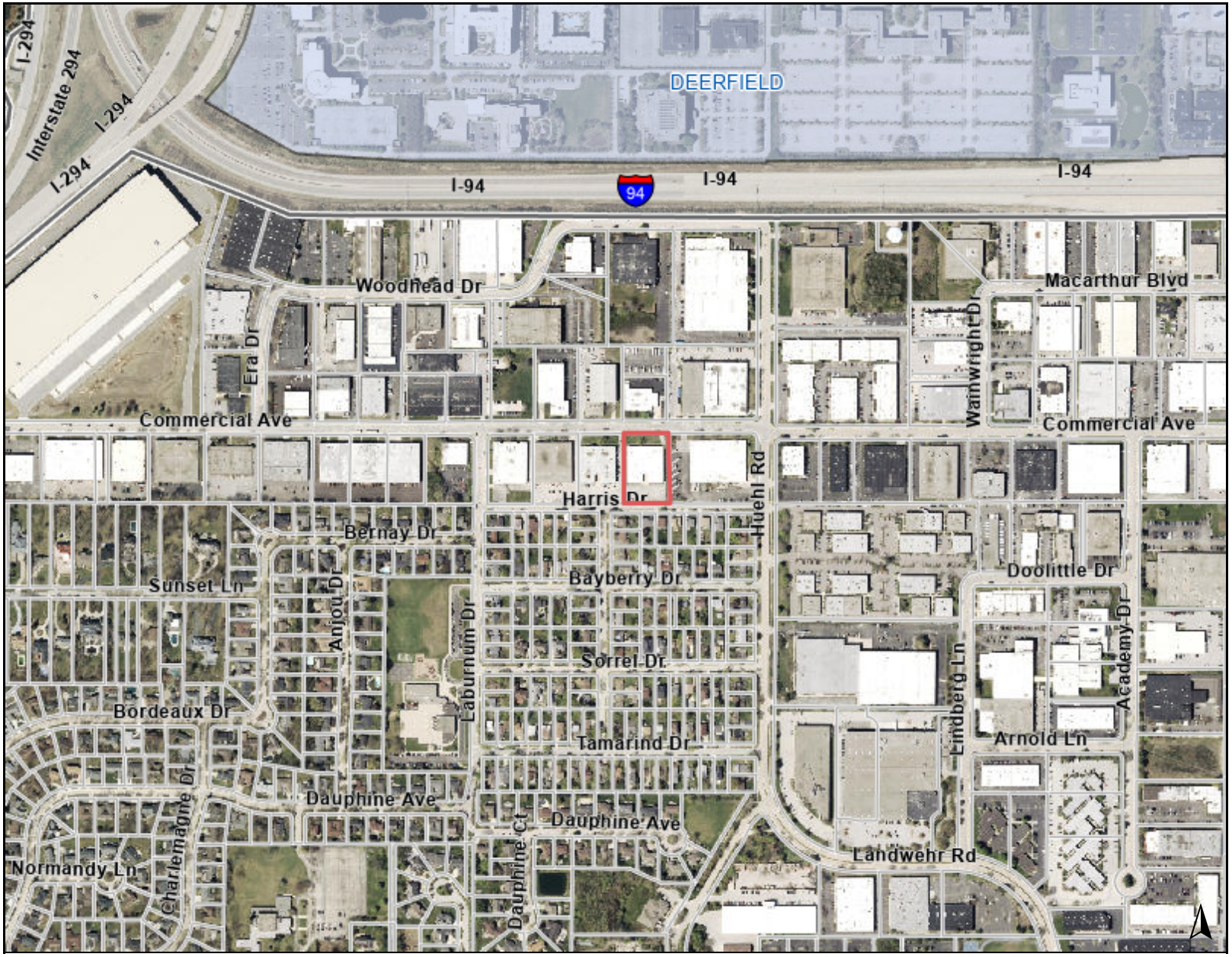
COMPREHENSIVE PLAN MAP



Legend

- Open Space & Outdoor Recreation
- Single Family
- Single Family Large Lot
- Multi-Family up to 6 DUA
- Multi-Family 6-9 DUA
- Multi-Family 9-15 DUA
- Multi-Family over 15 DUA
- Senior or Special Residential
- Government Facility
- Institutional Facility
- Neighborhood Office
- Neighborhood Edge 1
- Neighborhood Edge 2
- Office - Professional
- Office - Corporate/Corridor
- Community Retail
- Major Retail
- Industrial & Commercial Service
- General Industrial, Warehouse & Office
- Major Industrial/Distribution
- Transportation, Comm. & Utilities
- Village Center Mixed Use
- Techny Area Multi-Use
- Major Corridor Multi-Use
- Techny Area

GISConsortium | 3451 - 3453 Commercial Avenue



Legend

0 1000 2000 ft

Print Date: 4/15/2026

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

GISConsortium | 3451 - 3453 Commercial Avenue

Legend

0 150 300 ft

Print Date: 4/15/2026

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

Site Photos

northbrook

DEVELOPMENT & PLANNING SERVICES DEPARTMENT

PRELIMINARY REVIEW APPLICATION – ZONING & SUBDIVISION RELIEF**

Prior to applying for preliminary review of requested zoning and/or subdivision relief by the Village Board, the Applicant should schedule a meeting with the Department of Development & Planning Services to discuss the requested relief. ***(**Note: Applications for zoning relief from the Zoning Board of Appeals must use a different application form.)***

The purpose of a preliminary review is to broadly acquaint the Village Board with the applicant's proposal and to provide the applicant with any preliminary views or concerns that members of the Board may have at a time in the process when positions are still flexible and adjustment is still possible. At the meeting at which the preliminary application is considered, any member of the Board of Trustees may make any comments, suggestions or recommendations regarding the preliminary application deemed necessary or appropriate by that member; provided, however, that no final or binding action shall be taken with respect to any preliminary application. Nothing said or done in the course of such review shall be deemed to create, or to prejudice, any rights of the applicant or to obligate the Village Board, or any member of it, to approve or deny any formal application following full consideration thereof as required by the Northbrook Zoning Code.

The following materials are the minimum required for the processing of a preliminary review by the Village of Northbrook's Board of Trustees. There is no filing fee for the preliminary review; however, review of a submitted formal application will require payment of a filing fee(s). If you have questions regarding the completion of this process contact the Development & Planning Services Department at (847) 664-4050.

Current Property Owner Information

Legal Name: J&L Real Properties-3451

Primary Contact: Amelia Gonzales

Address 3451 Commercial Avenue

City, State, Zip Northbrook, IL 60062

Phone No. 630-364-3211

Email agonzales@hiffman.com

Applicant Information

Legal Name Hi-Five Sports Clubs North Shore LLC

Primary Contact: Daniel Tuchman

Company Hi-Five 5 Sports, LLC

Address 1515 Lake Cook Road, Unit 2030

City, State, Zip Northbrook, IL 60062

Phone No. 847-997-0044

Email danny@hifivesports.com

Property Information *(if more than one parcel is involved in the request please include the information for all parcels)*

Site Location/Address: 3451 Commercial Avenue, Northbrook, IL 60062

Size of Property: 67,953.6 Square feet/1.56 acres (square feet/acres)

Size of Building Space, if applicable: 26,000 sq feet/0.6 acres (square feet)

Current Zoning[1]: I1, Restricted Industrial

Current Use of the Property: Light Industrial

[1] www.northbrook.il.us/zoningmap

Dear Village of Northbrook,

I am writing to confirm that Hi-Five Sports Clubs North Shore LLC is authorized to discuss all matters related to their special use permit request for the building at 3451 Commercial Avenue with the Village of Northbrook.

Please reach out with any questions, 781-223-8331.

Respectfully,
HIFFMAN ASSET MANAGEMENT, LLC

By: Pat Dawson, Property Manager
As Agent for J&L Real Properties – 3451 Commercial Avenue, LLC

1111 W 22nd Street | Oak Brook, Illinois USA 60523 | +1 630 932 1234 | hiffman.com

Zoning Narrative & Project Description

Property Address: 3451 Commercial Avenue, Northbrook, IL 60062 **Applicant:** Hi-Five Sports, LLC

Date: March 27, 2026

I. Existing Conditions

The subject property is currently a 67,000 square foot parcel located within the I1 Zoning District, currently zoned for light industrial. Currently, the site is occupied by a building which is approximately 26,000 square feet. There are currently 45 parking spots on the premises. Hi-Five would be occupying 12,377 sq ft.; the other tenant in the property is Quality Flow, which occupies approximately 13,623 square feet. The Hi-Five Sports Zone at Sky Harbor is a high energy, multi use facility centered around the Hi-Five Movement Studio, with a strong focus on programming like gymnastics, cheer, arts and crafts, and fitness. It also features space for traditional sports such as basketball, football, and softball, creating a balanced mix of structured programming and active play. With integrated scheduling, smooth transitions, and dedicated party rooms, the operation is designed to deliver a consistent, high quality experience across all areas of the business.

II. Proposed Use

The applicant proposes repurpose the property for use dedicated to the development and training of local youth through a multi-sport curriculum including soccer, gymnastics, basketball, dance, and cheerleading. Hi-Five's newest concept mainly focuses on Gymnastics, Cheer, fitness, and some field sports as well. The facility will serve participants ages 3–14 and will operate seven days a week. During peak sessions, the maximum occupancy will be approximately 60 participants and 10-20 employees at capacity. There will be a designated drop-off area at the back of the building, with families having the option to either drop off participants or park and walk them into the facility using the main front entrance. The primary special events at the facility will be birthday parties and small group events, which will occur regularly while remaining within overall occupancy limits, with parking accommodated on-site and valet services available if needed for overflow.This project is justified based on the following key pillars:

1. Addressing Critical Community Need

- **Facility Scarcity:** There is a documented shortage of high-quality indoor court and field space in the region. Local school gyms are often at capacity, leaving youth leagues without adequate space for consistent training and development.
- **Multi-Sport Accessibility:** By offering a single location for diverse disciplines like

gymnastics, soccer, and dance, the facility provides a comprehensive hub that reduces the "access challenge" many families face when seeking specialized athletic infrastructure.

2. Promoting Public Health and Safety

- **Youth Development:** Participation in organized sports is proven to increase discipline, teamwork, and emotional resilience in children.
- **Preventative Health:** The facility serves as a vital tool for promoting physical activity, which can reduce rates of obesity and stress-related conditions among the local youth population.
- **Safe Environment:** The project provides a secure, professionally supervised environment for "at-risk" hours (after school), offering a productive alternative to unsupervised activity and helping to maintain low local juvenile crime rates.

3. Positive Economic and Social Impact

- **Economic Catalyst:** Youth sports facilities act as "anchor spaces" for local development. By attracting families for practices and regional tournaments, the facility will increase foot traffic and spending at nearby restaurants, retail shops, and services.
- **Social Cohesion:** The center will function as a "community porch," strengthening bonds between neighbors and families who rally behind local teams and mentorship programs.

III. Proposed Physical Changes

Site Improvements:

The site does not need any improvements to facilitate the proposed use**.**

Traffic and Parking: The site has been selected for its proximity to major roads and its ability to accommodate necessary parking without overflowing into residential side streets. There are 45 parking spots on property available. There is a main entrance located at the front of the building. Attached is a diagram of drop off and traffic flow. All parking will be behind the building in the lot. If dropping off you will follow the red traffic line and drop off at the back entrance. Families will drive through the west side of the property turn towards back and park in the spots near back entrance to drop off their child.

Building Improvements:

The applicant intends to [e.g., renovate the interior of the existing structure]. Specific improvements include:

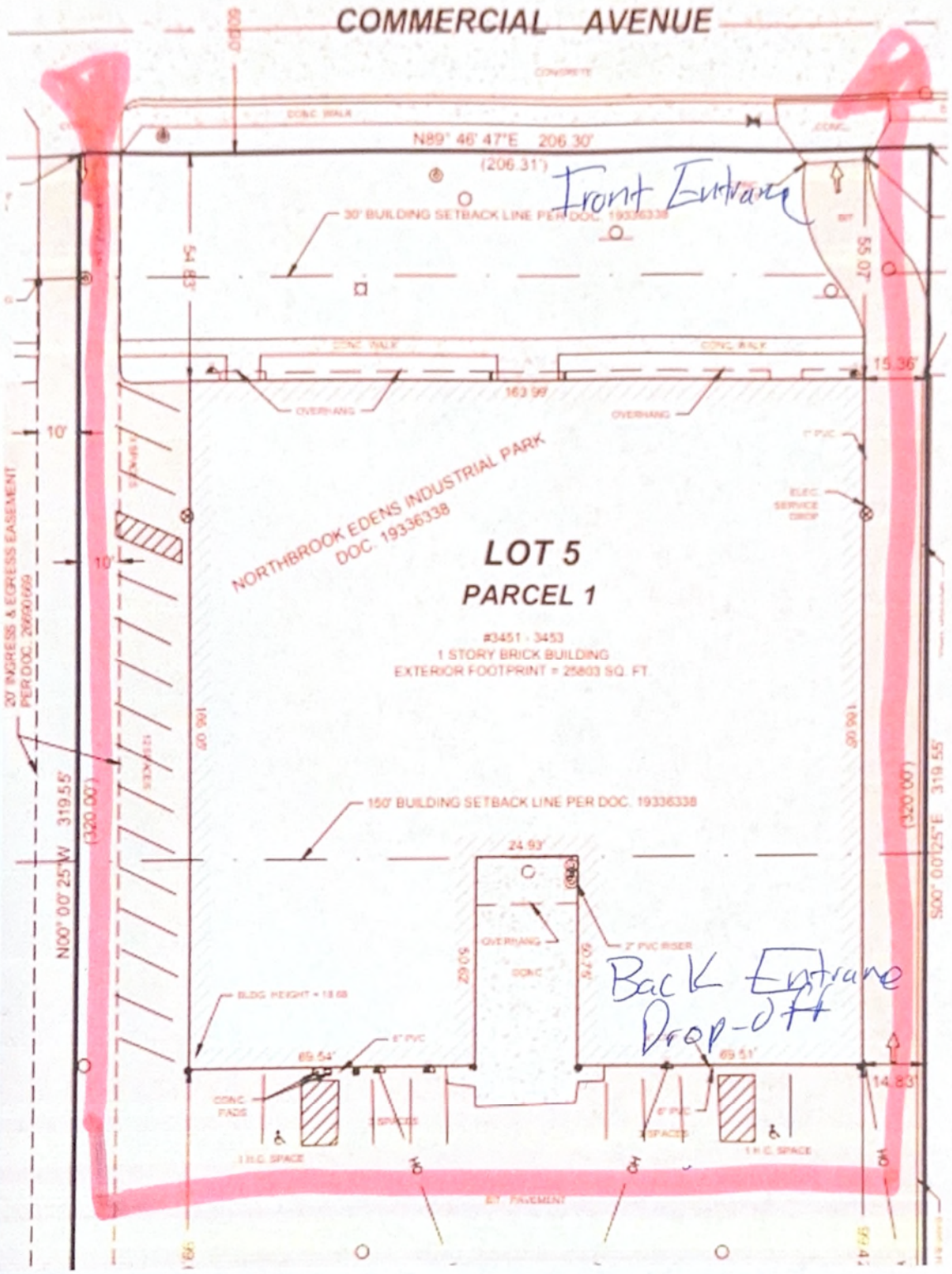
- No building improvements needed

IV. Operational Details

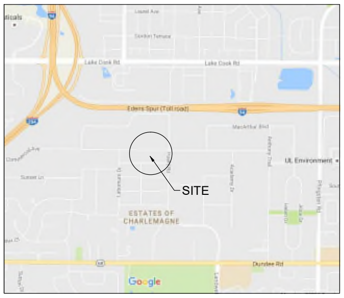
- **Hours of Operation:** Daily 9 AM to 6 PM
- **Number of Employees:** There will be a maximum of 10-20 employees on-site during the largest shift.
- **Outdoor Activity:** None

Neighborhood Compatibility and Management

- **Operational Control:** To ensure compatibility with surrounding uses, the facility will adhere to strict noise and lighting regulations.



Traffic Flow



VICINITY MAP
NOT TO SCALE

ALTA/NSPS LAND TITLE SURVEY
OF
3451-3453 COMMERCIAL AVENUE
NORTHBROOK, IL

LEGAL DESCRIPTION

PARCEL 1:

LOT 5 IN NORTHBROOK EDENS INDUSTRIAL PARK SUBDIVISION UNIT 1, BEING A SUBDIVISION OF PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 5 AND PART OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 6, TOWNSHIP 42 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AS DOCUMENT 19336228, IN COOK COUNTY, ILLINOIS.

PARCEL 2:

TOGETHER WITH APPURTENANT NON-EXCLUSIVE, RECIPROCAL INGRESS, AND EGRESS EASEMENT AS CREATED AND SET FORTH IN DECLARATION OF COVENANTS AND EASEMENTS, RECORDED JULY 15TH, 1983 IN DOCUMENT 26690669

GRAPHIC SCALE

30' 0 15' 30' 60' 120'

1" = 30'

AREA

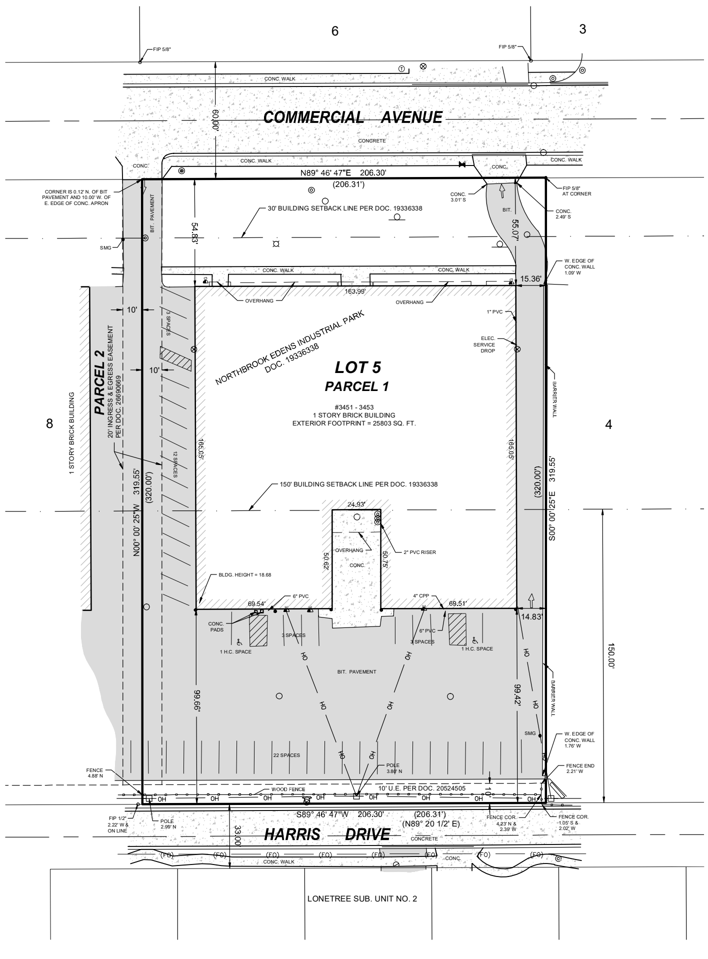
65,924 SQ. FT.
1.5134 ACRES

PARKING STALLS

STANDARD PARKING STALLS= 43
ACCESSIBLE PARKING STALLS= 2
TOTAL PARKING STALLS= 45

FLOOD HAZARD NOTE

THIS PROPERTY IS IN AN AREA DETERMINED TO BE OUTSIDE OF 0.2% ANNUAL CHANCE FLOODPLAIN (ZONE X) AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP OF COOK COUNTY, ILLINOIS AND INCORPORATED AREAS (COMMUNITY PANEL NO. 17031C0088J) MAP EFFECTIVE DATE OF AUGUST 19, 2008.



BASIS OF BEARINGS

THE BASIS OF BEARINGS IS THE STATE PLANE COORDINATE SYSTEM (SPCS) NAD 83 (2007) ZONE 1201 (ILLINOIS EAST) WITH PROJECT ORIGIN AT:
LATITUDE: 42-08-44.57371 N
LONGITUDE: 87-51-52.88862 W
ELLIPSOID HEIGHT: 584.924
GROUND SCALE FACTOR 1.0000344535
ALL MEASUREMENTS ARE ON THE GROUND.

NOTES FROM SCHEDULE B

ITEMS 1 THROUGH 9, ARE NOT SURVEY MATTERS AND/OR NOT PLOTTABLE

	EXCEPTION	AFFECTS PROPERTY	NOTE
9.	BUILDING SETBACK LINES	YES	PLOTTED HEREON
10.	EASEMENT DOC. 20524505, DOC. 20351453	YES	PLOTTED HEREON
11.	VIOLATION OF 150' SETBACK	YES	PLOTTED HEREON
12.	COVENANTS DOC. 19857722	YES	NOT PLOTTABLE
13.	TERMS, PROVISIONS PARCEL 2	YES	PLOTTED HEREON
14.	NOTE, PARCEL 2	YES	PLOTTED HEREON
15.	COVENANTS DOC. 26690669	YES	PLOTTED HEREON

UTILITY ATLAS NOTES:

J.U.L.I.E. DESIGN STAGE REQUEST
DIG NUMBER A2092825 RECEIVED 07/27/16.

CONTACTS PROVIDED BY J.U.L.I.E. & LISTED BELOW WERE CONTACTED BY V3 VIA FAX, REQUESTING UTILITY ATLAS INFORMATION ON 07/27/16.

CONTACTS	RESPONSE
A. T. & T. DISTRIBUTION	RESPONDED "NEAR FO FACILITY"
COM-ED	RESPONDED WITH ATLAS
VILLAGE OF NORTHBROOK	NO RESPONSE
COMCAST	RESPONDED WITH ATLAS
NICOR GAS	NO RESPONSE
NORTH SHORE SANITARY	RESPONDED "ALL CLEAR"
WINDSTREAM KDL	RESPONDED WITH ATLAS
MCI	RESPONDED "ALL CLEAR"
CENTURY LINK	NO RESPONSE
ATT/T-TCG	NO RESPONSE

ZONING INFORMATION

ZONING DESIGNATION IS I1 AS TAKEN FROM THE VILLAGE'S WEBSITE https://apps.gisconsortium.org/MapOfficePublic AND NOT PROVIDED BY THE INSURER PURSUANT TO THE ALTA REQUIREMENTS. FOR DETAILS SEE THE VILLAGE OF NORTHBROOK ZONING ORDINANCE.

BULK, SPACE, AND YARD REQUIREMENTS

A. MAXIMUM HEIGHT (WHICHEVER IS LESS)
1. FEET 55
2. STORIES 3

C. MINIMUM YARD & SETBACK REQUIREMENTS

1. FRONT A ND CORNER SIDE (FEET)
A. YARD 30
B. SETBACK 30

2. INTERIOR SIDE (FEET)
A. YARD 5
B. SETBACK - 10% OF LOT WIDTH,
BUT NOT LESS THAN 10 FEET NOR MORE THAN 25 FEET

3. REAR (FEET)
A. YARD 5
B. SETBACK 15

D. MAXIMUM FLOOR AREA RATIO 0.50

LEGEND

CABLE TV PEDESTAL	PAINTED GAS LINE	HEADWALL
TRAFFIC LIGHT POLE	GAS VALVE	CURB INLET
TRAFFIC CONTROL BOX	GAS METER	STORM INLET
TRAFFIC CONTROL VAULT	GAS VALVE VAULT	STORM MANHOLE
TRAFFIC LIGHT	GAS METER	FLARED END SECTION
TELEPHONE PEDESTAL	PIPELINE MARKER	CLEANOUT
TELEPHONE MANHOLE	MONITORING WELL	SANITARY MANHOLE
PAINTED TELEPHONE LINE	POST INDICATOR VALVE	HOSE BIB
FIBER OPTIC CABLE LINE	WELL HEAD	B-BOX
ANCHOR	FLAGPOLE	HYDRANT
GUY POLE	MAILBOX	WATER VALVE
UTILITY POLE	SIGN	WATER VALVE VAULT
POWER POLE	POST	PAINTED WATER LINE
LIGHT STANDARD	PUBLIC PAY TELEPHONE	SPRINKLER HEAD
ELECTRIC MANHOLE	PARKING METER	WATER METER
ELECTRIC PEDESTAL	WETLAND MARKER	FOUND DISK IN CONCRETE
ELECTRIC TRANSFORMER PAD	BASKETBALL HOOP	FBD FOUND BRASS DISC
ELECTRIC METER	AIR CONDITIONER PAD/UNIT	FOUND ROW MARKER
HANDHOLE	DECIDUOUS TREE W/ TRUNK SIZE	FIR FOUND IRON ROD
ELECTRICAL JUNCTION BOX	NON-DECIDUOUS TREE W/ TRUNK SIZE	FRS FOUND RAILROAD SPIKE
ELECTRIC VAULT	BUSH	FPK FOUND PK NAIL
ELECTRIC SERVICE OUTLET BOX	SOIL BORING HOLE W/ NUMBER	FMG FOUND MAG NAIL
PAINTED ELECTRIC LINE		FCC FOUND CUT CROSS
TRANSFORMER PAD		FIP FOUND IRON PIPE
		FIB FOUND IRON BAR
		TP SET TRAVERSE POINT
		SPK SET PK NAIL
		SMG SET MAG NAIL
		SIP SET IRON PIPE
		SBM SET CONCRETE MONUMENT WITH BRASS DISC
		SCM SET CONCRETE MONUMENT WITH IRON PIPE

SECTION CORNER
QUARTER SECTION CORNER

PROPERTY LINE
EXISTING RIGHT-OF-WAY LINE
PROPOSED RIGHT-OF-WAY LINE
EXISTING LOT LINE
PROPOSED LOT LINE
EX. & PRO. CENTERLINE
EXISTING EASEMENT LINE
PROPOSED EASEMENT LINE
EX. & PRO. BUILDING SETBACK LINE
SECTION LINE
EXISTING FENCELINE (CHAIN LINK)
EXISTING FENCELINE (WOOD)
EXISTING FENCELINE (WIRE)
GUARDRAIL
RAILROAD TRACKS
CATV UNDERGROUND CABLE TV
(CATV) UNDERGROUND CABLE TV(ATLAS INFO.)
(FO) UNDERGROUND FIBER OPTIC CABLE(ATLAS)
E UNDERGROUND ELECTRIC
(E) UNDERGROUND ELECTRIC(ATLAS INFO.)
T UNDERGROUND TELEPHONE
(T) UNDERGROUND TELEPHONE(ATLAS INFO.)
G GAS MAIN
(G) GAS MAIN(ATLAS INFO.)
W WATER MAIN
(W) WATER MAIN (ATLAS INFO.)
SANITARY SEWER
(SAN) SANITARY SEWER(ATLAS INFO.)
STORM SEWER
(STM) STORM SEWER(ATLAS INFO.)
EDGE OF WATER
OH OVERHEAD WIRES
CURB
DEPRESSED CURB
700 EXISTING CONTOUR LINE
ASPHALT PAVING OR WATER (LABELED)
UNPAVED ROAD
CONCRETE
WETLANDS
EXISTING BUILDING
MARSH AREA

ABBREVIATIONS

782.62 EXISTING TOP OF CURB ELEVATION
782.12 EXISTING EDGE OF PAVEMENT ELEVATION
782.62 EXISTING SPOT ELEVATION
A.P. ACCESSIBLE PARKING
F.F. FINISHED FLOOR
T.F. TOP OF FOUNDATION
CMP CORRUGATED METAL PIPE
RCP REINFORCED CONCRETE PIPE
VCP VITRIFIED CLAY PIPE
FRM. FRAME
BRK. BRICK
TC TOP OF CURB
DEP DEPRESSED CURB
GUT GUTTER
EP EDGE OF PAVEMENT
F.L. FLOW LINE
CONC. CONCRETE
BIT. BITUMINOUS
MH MANHOLE
CW CONCRETE WALK
TW TOP OF WALL
BW BOTTOM OF WALL
TP TOP OF PIPE
BW BACK OF WALK
FES FLARED END SECTION
INV INVERT
DIP DUCTILE IRON PIPE
SD STORM DRAIN
SAN SANITARY SEWER
N NORTH
S SOUTH
E EAST
W WEST
CB CHORD BEARING
A ARC LENGTH
R RADIUS
U.E. UTILITY EASEMENT
P.U.E. PUBLIC UTILITY EASEMENT
D.E. DRAINAGE EASEMENT
M.U.E. MUNICIPAL UTILITY EASEMENT
I.E. INGRESS & EGRESS EASEMENT
PC POINT OF CURVATURE
PCC POINT OF COMPOUND CURVATURE
PRC POINT OF REVERSE CURVATURE
PT POINT OF TANGENCY
(REC) RECORD DATUM
MEAS. MEASURED DATUM
[CALC] CALCULATED DATUM
<DEED> INFORMATION TAKEN FROM DEED
ETBE EXCEPTION TO BLANKET EASEMENT

GENERAL NOTES

1. COMPARE THIS PLAT, LEGAL DESCRIPTION AND ALL SURVEY POINTS AND MONUMENTS BEFORE ANY CONSTRUCTION, AND IMMEDIATELY REPORT ANY DISCREPANCIES TO SURVEYOR.
2. DO NOT SCALE DIMENSIONS FROM THIS PLAT.
3. THE LOCATION OF THE PROPERTY LINES SHOWN ON THE FACE OF THIS PLAT ARE BASED UPON THE DESCRIPTION AND INFORMATION FURNISHED BY THE CLIENT, TOGETHER WITH THE TITLE COMMITMENT. THE PARCEL WHICH IS DEFINED MAY NOT REFLECT ACTUAL OWNERSHIP, BUT REFLECTS WHAT WAS SURVEYED. FOR OWNERSHIP, CONSULT YOUR TITLE COMPANY.
4. MANHOLES, INLETS AND OTHER UTILITY RIMS OR GRATES SHOWN HEREON ARE FROM FIELD LOCATION OF SUCH, AND ONLY REPRESENT SUCH UTILITY IMPROVEMENTS WHICH ARE VISIBLE FROM ABOVE GROUND AT TIME OF SURVEY, THROUGH A NORMAL SEARCH AND WALK THROUGH OF THE SITE. THE LABELING OF THESE MANHOLES (SANITARY, WATER, ETC.) IS BASED SOLELY ON THE "STAMPED" MARKINGS OF THE RIM. NO UNDERGROUND OBSERVATIONS HAVE BEEN MADE TO VERIFY THE ACTUAL USE OR EXISTENCE OF UNDERGROUND UTILITIES.
5. NO UNDERGROUND UTILITIES, OR DRAIN TILES, IF ANY EXIST, SHOWN HEREON.
6. THIS SURVEY MAY NOT REFLECT ALL UTILITIES OR IMPROVEMENTS IF SUCH ITEMS ARE HIDDEN BY LANDSCAPING OR ARE COVERED BY SUCH ITEMS AS DUMPSTERS, TRAILERS, CARS, DIRT, PAVING OR SNOW. AT THE TIME OF THIS SURVEY, SNOW DID NOT COVER THE SITE. LAWN SPRINKLER SYSTEMS, IF ANY, ARE NOT SHOWN ON THIS SURVEY.
7. OTHER THAN VISIBLE OBSERVATIONS NOTED HEREON, THIS SURVEY MAKES NO STATEMENT REGARDING THE ACTUAL PRESENCE OR ABSENCE OF ANY SERVICE.
8. CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION.
9. PUBLIC AND/OR PRIVATE RECORDS HAVE NOT BEEN SEARCHED TO PROVIDE ADDITIONAL INFORMATION. OVERHEAD WIRES AND POLES (IF ANY EXIST) ARE SHOWN HEREON, HOWEVER THEIR FUNCTION AND DIMENSIONS HAVE NOT BEEN SHOWN.
10. RESTRICTIONS THAT MAY BE FOUND IN LOCAL BUILDING AND/OR ZONING CODES HAVE NOT BEEN SHOWN. HEIGHTS AND BUILDING RESTRICTIONS (IF ANY) HAVE NOT BEEN SHOWN. ONLY THOSE SETBACK RESTRICTIONS SHOWN ON THE RECORDED SUBDIVISION OR IN THE TITLE COMMITMENT HAS BEEN SHOWN. THIS PROPERTY IS SUBJECT TO SETBACKS AS ESTABLISHED PURSUANT TO VILLAGE OF NORTHBROOK ZONING ORDINANCES AS AMENDED. IN REFERENCE TO TABLE A ITEM 6, THERE MAY BE A NEED FOR AN INTERPRETATION OF A RESTRICTION, THE SURVEYOR CANNOT MAKE A CERTIFICATION ON THE BASIS OF AN INTERPRETATION.
11. THIS PROPERTY IS ZONED I1 (RESTRICTED INDUSTRIAL) PER VILLAGE OF NORTHBROOK ZONING MAP DATED 3/29/16. SEE VILLAGE OF NORTHBROOK ZONING ORDINANCE FOR SPECIFICS.
12. A CURRENT CHICAGO TITLE INSURANCE COMPANY'S TITLE COMMITMENT NO. 16017652SK, PRO FORMA, WAS PROVIDED FOR SURVEYORS USE AT THE TIME OF PREPARATION OF THIS SURVEY.

SURVEYOR'S CERTIFICATE

STATE OF INDIANA)
)SS
COUNTY OF LAKE)

TO: CHICAGO TITLE INSURANCE COMPANY
CHP 3451 COMMERCIAL, LLC
HEARTLAND BANK & TRUST COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(A), 6(B), 7(A), 7(B), 8, 9 AND 11 OF TABLE A THEREOF.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR BOUNDARY SURVEYS.

THE FIELD WORK WAS COMPLETED ON JULY 28, 2016.

DATED THIS 17TH DAY OF AUGUST, A.D., 2016.

ANTHONY J. STRICKLAND 035-003437 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ST. JOHN, INDIANA

ANTHONY J. STRICKLAND
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3437
MY LICENSE EXPIRES ON NOVEMBER 30, 2016.
V3 COMPANIES OF ILLINOIS, LTD. PROFESSIONAL DESIGN FIRM NO. 184000902
THIS DESIGN FIRM NUMBER EXPIRES APRIL 30, 2017.
TSTRICKLAND@V3CO.COM

Engineers Scientists Surveyors
7325 Janes Avenue, Suite 100
Woodridge, IL 60517
630.724.9200 voice
630.724.0384 fax
v3co.com

PREPARED FOR:
CHP 3451 COMMERCIAL, LLC
520 W. Erie Street
Chicago, IL 60654
312-263-0769

REVISIONS

NO.	DATE	DESCRIPTION
1.	09/09/2016	REVISED PER COMMENTS
2.	09/13/2016	REVISED PER COMMENTS

ALTA/NSPS LAND TITLE SURVEY
3451-3453 COMMERCIAL AVENUE, NORTHBROOK, IL

DRAFTING COMPLETED: 08/15/16	DRAWN BY: SPK	PROJECT MANAGER: AJS	Project No: 16208
FIELD WORK COMPLETED: 07/28/16	CHECKED BY: AJS	SCALE: 1" = 30'	Group No: VP01.1

SHEET NO. 1 of 1

N:\2016\1620 ...\DISVY\VP01.1\ALT16208_20160812.dwg, 9/13/2016 1:29:09 PM, tstrickland

April 28, 2026

3451-3453 Commercial: Hi-Five Sports Zoning Code Text Amendment Request

Preliminary Review

Northbrook Board of Trustees Meeting

Zoning Relief Process

1

- **Preliminary Review of Sketch Plan by Board of Trustees**
- The Board reviews schematic plans of the proposal.
- The Board of Trustees provides initial comments on a proposal, indicating whether or not they see major issues that need to be addressed by the Applicant before they submit detailed plans.
- The Board of Trustees provides direction for a designated body to conduct the Public Hearing on the application if a formal application is filed.

2

- **Technical Review of Formal Application**
- Applicant files Formal Application
- Review of detailed plans, traffic study, financial impact analysis, etc. by Village Staff (Engineering, Police, Fire, Public Works, Zoning, Sustainability) and Village consultants
- Once technical issues are addressed, a public hearing can be scheduled.

3

- **Public Hearing Held by Northbrook Plan Commission or Northbrook Board of Trustees**
- Notice goes to neighbors by certified mail; a sign is posted on the property; and notice is published in the local newspaper.
- The Applicant presents their proposal, the neighbors are able to speak and ask questions/voice concerns.
- The body conducting the public hearing makes a recommendation on the request to approve or deny

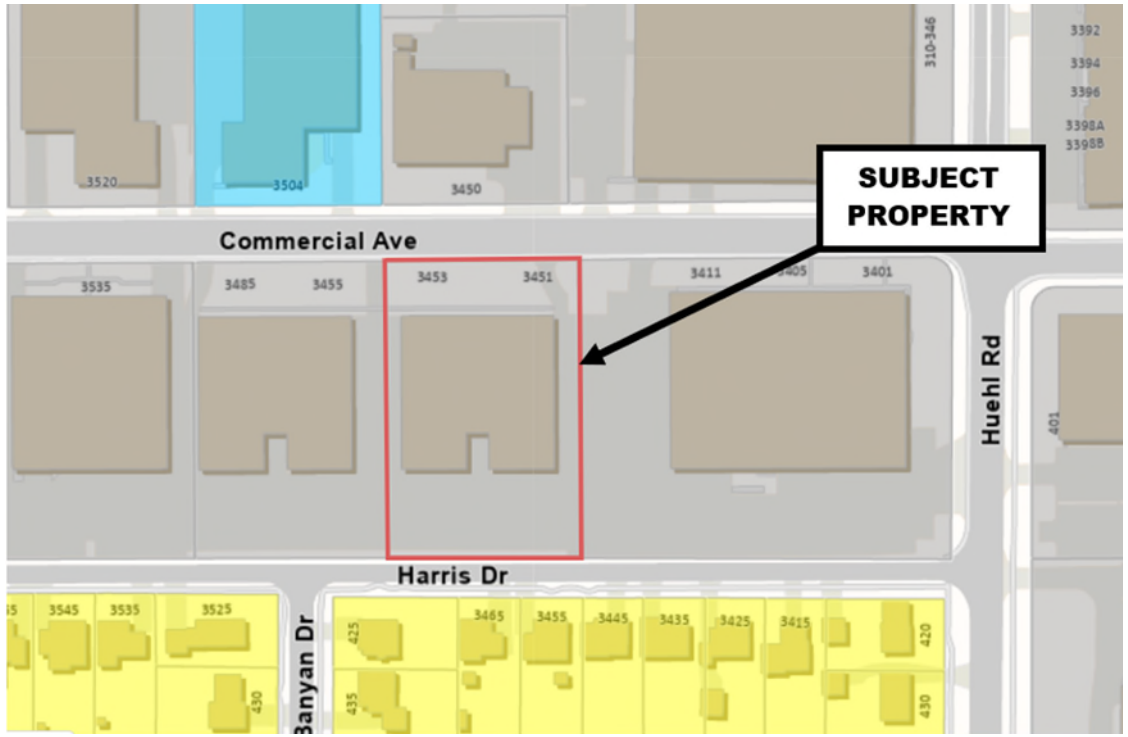
4

- **Board of Trustees Review of Recommendations & Makes Decision (approve or deny)**
- The Board of Trustees reviews the record of the public hearing, including all of the public testimony and makes a final decision – they may also ask for further changes before making a decision.
- Board of Trustees adopts documents formally approving or denying the application.

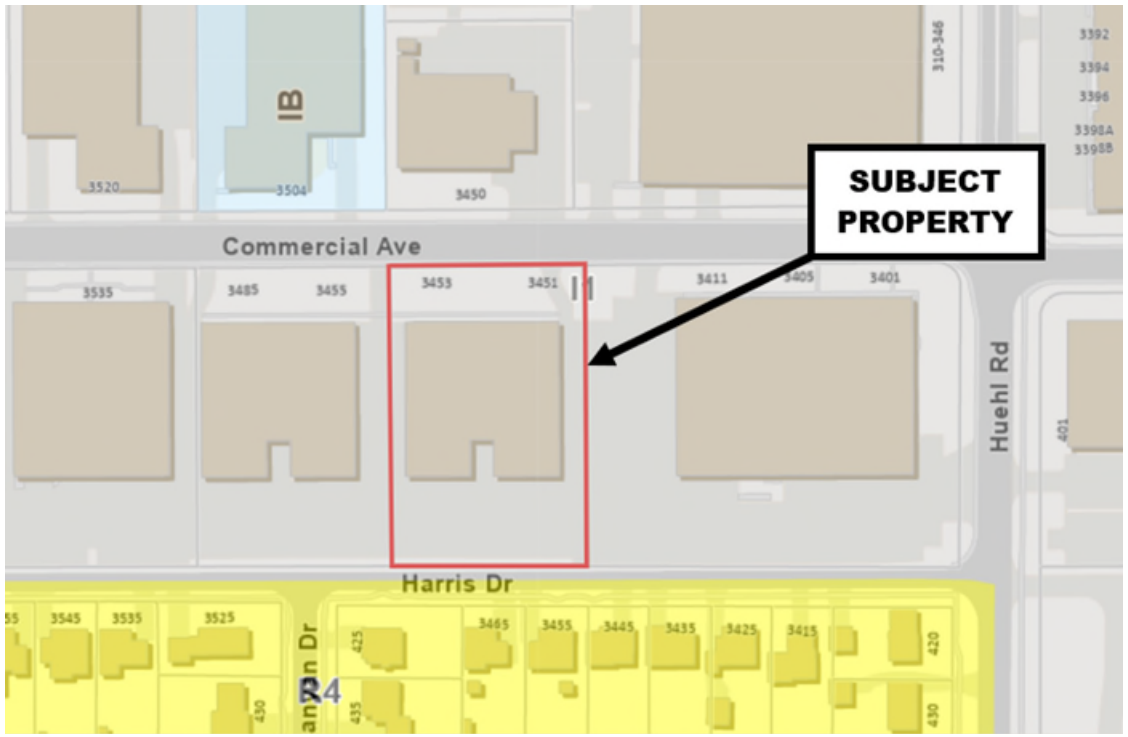
Existing Conditions

3451 – 3453 Commercial Avenue – Sky Harbor Industrial Park

Comprehensive Plan Designation
General Industrial, Warehouse & Office



Zoning Map
I-1 Restricted Industrial District



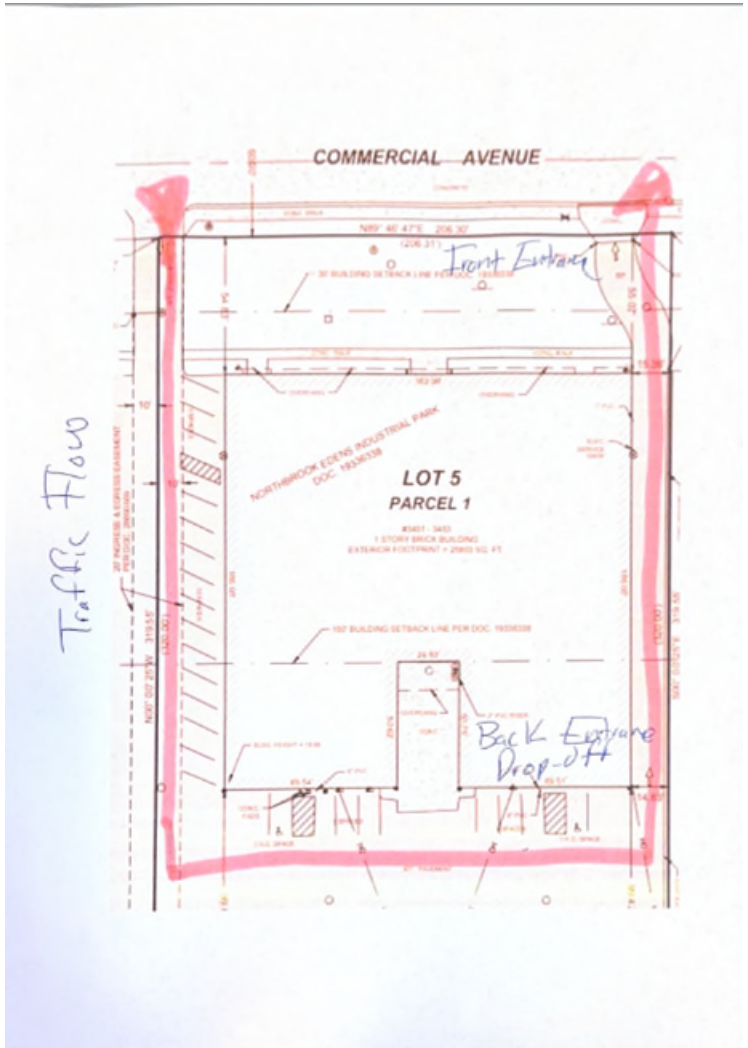
Site Photos

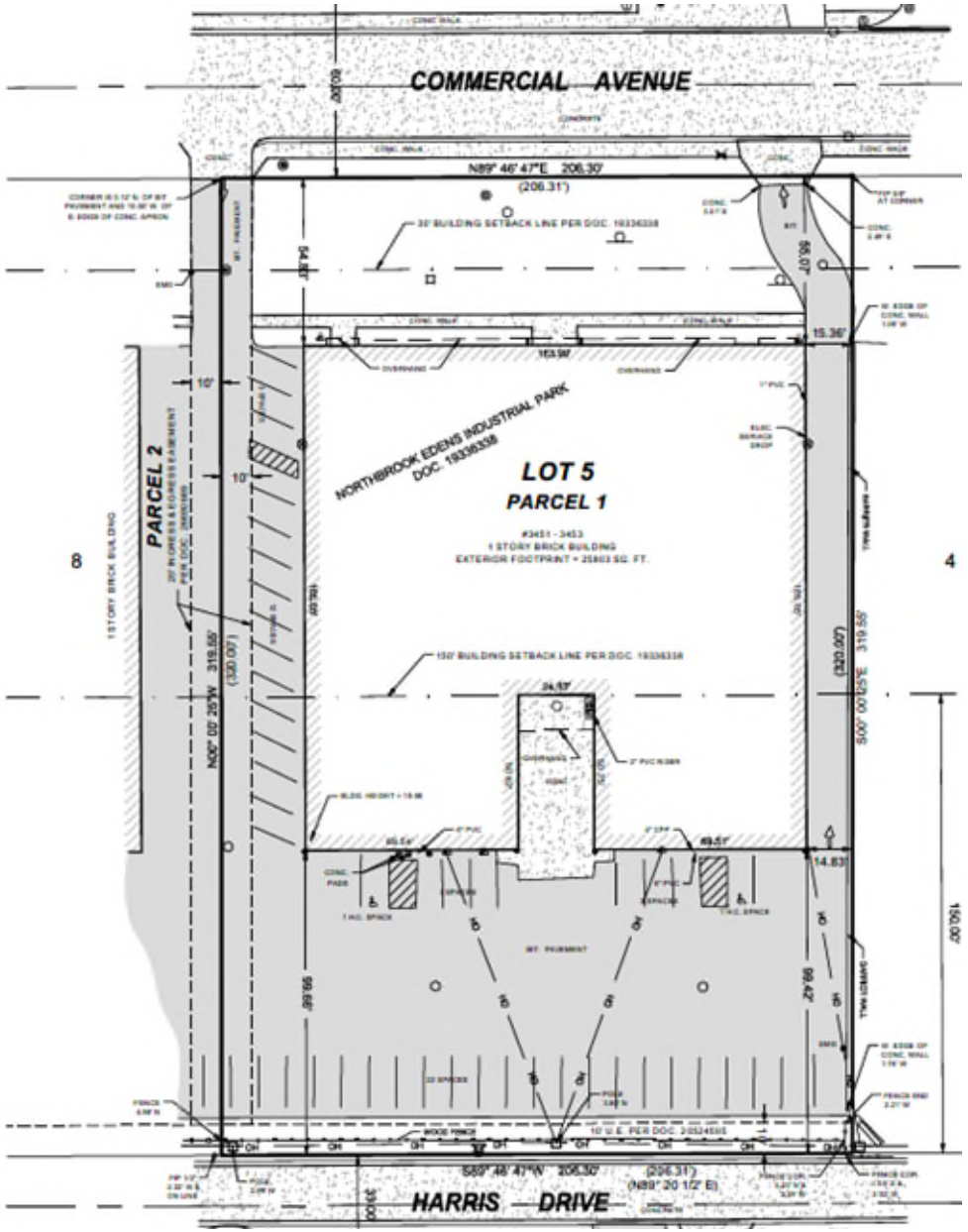
Proposed Use

Proposed Use

Hi-Five Sports Clubs North Shore LLC

- Building size – 26,000 sf
  - Proposed youth sports facility – 12,000 sf (approx.)
- Physical Fitness Facility in excess of 2,500 sq ft –
  Zoning Code Text Amendment in I-1 District
- 60 children max. with 10-20 employees at peak capacity
- Hours of Operation: 9:00am – 6:00pm
- No outdoor activity
- No exterior building or site changes
- Parking – special permit for 30% reduction in required parking
- Drop-off/Pick-up: Rear of the building within parking lot




COMMERCIAL AVENUE
N89° 46' 47"E 206.30'
(206.31')
30' BUILDING SETBACK LINE PER DOC. 19336338
95.07'
15.36'
163.94'
OVERHANG
NORTHBROOK EDENS INDUSTRIAL PARK
DOC. 19336338
LOT 5
PARCEL 1
#3451 - 3453
1 STORY BRICK BUILDING
EXTERIOR FOOTPRINT = 25803 SQ. FT.
PARCEL 2
20' INGRESS & EGRESS EASEMENT
PER DOC. 19336338
1 STORY BRICK BUILDING
10'
10'
N00° 00' 25"W 319.55'
(320.00')
150' BUILDING SETBACK LINE PER DOC. 19336338
24.13'
65.54'
49.51'
14.83'
99.68'
99.42'
S00° 00' 25"E 319.55'
(320.00')
150.00'
10' U.E. PER DOC. 20524535
S89° 46' 47"W 206.30'
(206.31')
(N89° 20 1/2' E)
HARRIS DRIVE
8
4

Zoning Relief

Zoning Relief

- Zoning Code Text Amendment Request to allow Physical Fitness Facilities in excess of 2,500 square feet in the I-1 District by special permit;

- Subsequent Special Permit for the Physical Fitness Facility in excess of 2,500 sq ft; and

- Special Permit for parking reduction, in excess of 25% to reduce the required parking from 64 spaces to 45 spaces (30%).

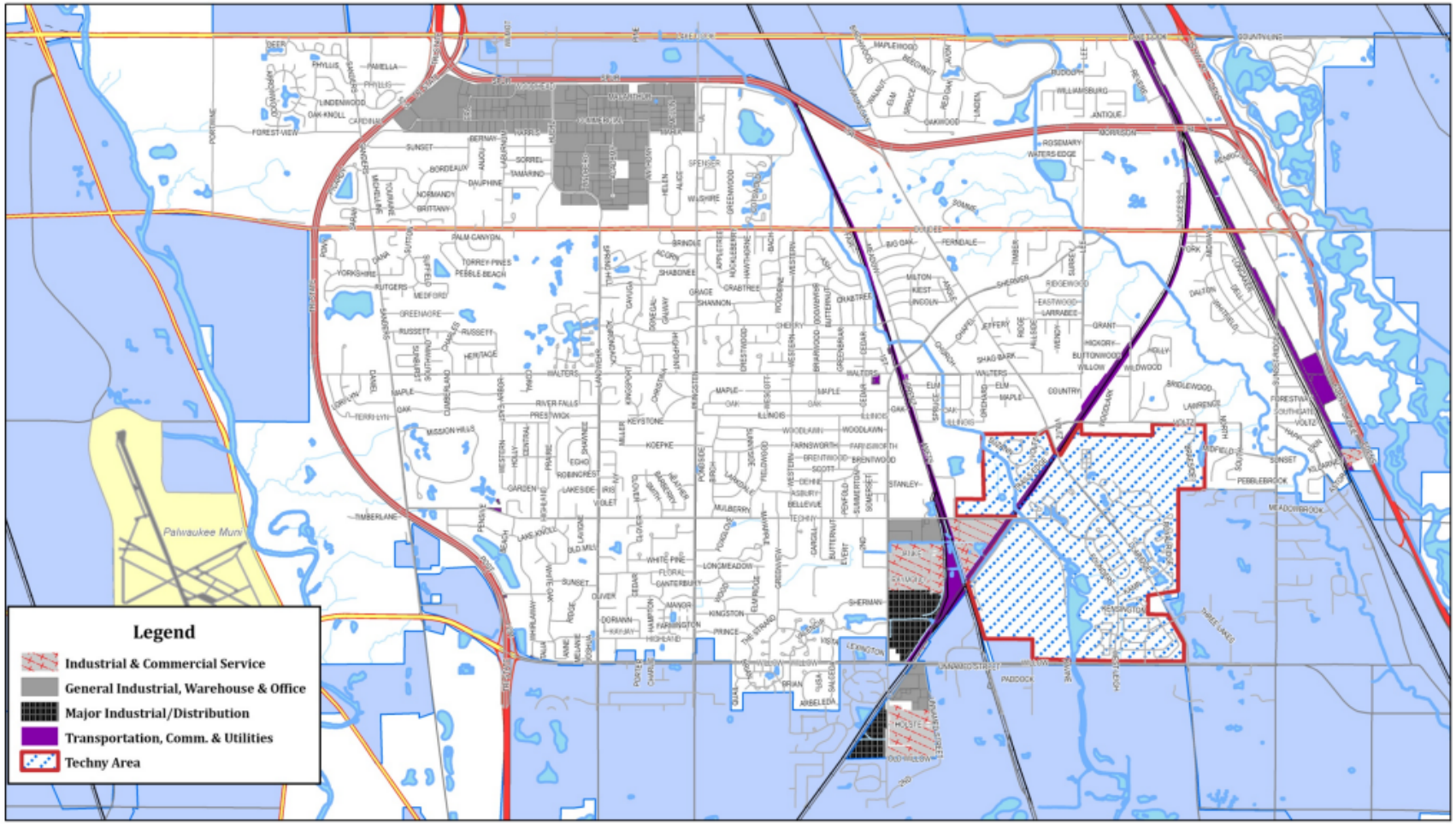
Zoning Code Excerpts

Group Uses: Membership Organizations, Houses of Worship, Fitness, Schools, etc. and where they are permitted

Table 7-105-A: Principal Uses by Industrial District				
Use	Additional Regulation	ICS	I-1	I-2
Day Care		S		
College/University				
Hospital				
Membership Organizations, 2,500 sq ft or less		P		
Membership Organizations, More than 2,500 sq ft		S		
Park				
Place of Worship, 2,500 sq ft or less		P		
Place of Worship, More than 2,500 sq ft		S		
Public Cultural and Community Facilities				
Public Service/Safety Facility				
School, Elementary and Middle Public				
School, Elementary and Middle Private				
School, High				
School Vocational/Technical		P	P	
Vacant Land/Vacant Building		P	P	P

Table 7-105-A: Principal Uses by Industrial District				
Use	Additional Regulation	ICS	I-1	I-2
Golf Course				
Hotel				
Medical Clinic		P	P	
Medical Spa				
Meeting/Event Facility				
Microbrewery/Winery/Distillery With Tasting Room		P		
One-on-One Educational Services		P	P	
One-on-One Personal Fitness Facilities		P	P	
Personal Service		P		
Physical Fitness Facilities, 2,500 sq ft or less		P		
Physical Fitness Facilities, 2,500 sq ft or more		S		
Restaurant		S	S	
Short-Term Rental				
Tobacco Retail Sale				

Comprehensive Plan Map – Properties Appropriate for Industrial or Industrial & Commercial Services



Village of Northbrook

Northbrook Comprehensive Plan

Items to Consider

Items to Consider

a) Are group physical fitness facilities appropriate in the I-1 Restricted Industrial District? If so, are all other group uses also appropriate in the I-1 District?

b) Is it appropriate to amend the Zoning Code to allow a physical fitness facility, and any other group uses, in excess of 2,500 square feet in the I-1 District?

   i. If so, should it be permitted by right or require a special use permit?

c) Are physical fitness facilities, and any other group uses, under 2,500 square feet appropriate for the I-1 Restricted Industrial District?

   i. If so, should they be permitted by right or require a special use permit?

d) If physical fitness facilities in excess of 2,500 square feet are appropriate for in the I-1 Restricted Industrial District, is the specific proposed location appropriate for such a facility?

   i. Should any operational limitations be considered such as hours of operation, ability for drop-off and pick-up of youth, etc?

e) If the proposed use is appropriate on the Subject Property, is it acceptable to grant a special permit to reduce the required parking by 30%?

f) Does the Board concur with the staff recommendation that the public hearing for the requested relief be conducted by the Plan Commission?

April 28, 2026

3451-3453 Commercial: Hi-Five Sports Zoning Code Text Amendment Request

Preliminary Review

Northbrook Board of Trustees Meeting

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Director of Development & Planning Services Amy McEwan
Date: 2026-04-28
Subject: Presentation to Review Updated Metrics and Statistical Information on Northbrook Downtown

Overview
This presentation by the Development and Planning Services Department will focus on economic indicators specific to Downtown Northbrook.

Fiscal Impact
N/A.

Recommendation
Presentation.

Background
As the Board is aware, the Development and Planning Service (DPS) Department develops a Village wide Economic Indicators Review for presentation at a Village Board meeting twice annually to compare year over years metrics related to construction, home value, commercial and industrial vacancy rates and related information.

This presentation by DPS will focus on economic indicators specific to Downtown Northbrook.

Docusign Envelope ID: 65F7876B-C1EA-46A5-AEFF-91177C186B7B

CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

KIMLEY-HORN AND ASSOCIATES, INC.

ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

Docusign Envelope ID: 65F7876B-C1EA-46A5-AEFF-91177C186B7B

CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

KIMLEY-HORN AND ASSOCIATES, INC.

ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

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CONTRACT BETWEEN

THE VILLAGE OF NORTHBROOK

AND

KIMLEY-HORN AND ASSOCIATES, INC.

ENGINEERING SERVICES FOR THE 2026 SIDEWALK GAP PROGRAM

In consideration of the mutual promises set forth below, the Village of Northbrook, 1225 Cedar Lane, Northbrook, Illinois 60062, a unit of local government created and existing under the laws of the State of Illinois ("Owner"), and **Kimley-Horn and Associates, Inc., 570 Lake Cook Road, Suite 200, Deerfield, Illinois 60015**, a **Corporation** ("Consultant"), make this Contract as of the **28 day of April, 2026**, and hereby agree as follows:

ARTICLE I
THE SERVICES

1.1 Performance of the Services

Consultant shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Services":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, information, data, and other items necessary to accomplish the Project, as defined in Attachment A, in accordance with the Scope of Services attached hereto as Attachment B, the Submittal Requirements attached hereto as Attachment C, and the Special Project Requirements attached hereto as Attachment D.

2. Approvals. Procure and furnish all approvals and authorizations specified in Attachment A.

3. Insurance. Procure and furnish all certificates and policies of insurance specified in this Contract.

4. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the standards of professional practice and in full compliance with, and as required by or pursuant to, this Contract.

1.2 Commencement and Completion Dates

Consultant shall commence the Services not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Services at such a rate as will allow the Services to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" or, if the Services are to be performed in separate tasks with separate completion

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dates, the "Completion Dates" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Consultant shall submit to Owner all reports, documents, data, and information specifically set forth in Attachment C or otherwise required to be submitted by Consultant under this Contract and shall, in addition, submit to Owner all such reports, documents, data, and information as may be requested by Owner to fully document the Services ("Required Submittals").

B. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in Attachment C or otherwise in this Contract. If no time for submission is specified for any Required Submittal, such Submittal shall be submitted within a reasonable time in light of its purpose and, in all events, in sufficient time, in Owner's sole opinion, to permit Owner to review the same prior to the commencement of any part of the Services to which such Required Submittal may relate. Owner shall have the right to require such corrections as may be necessary to make any Required Submittal conform to this Contract. No Services related to any Required Submittal shall be performed by Consultant until Owner has completed review of such Required Submittal with no exception noted. Owner's review and stamping of any Required Submittal shall not relieve Consultant of the entire responsibility for the performance of the Services in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

C. Responsibility for Delay. Consultant shall be responsible for any delay in the Services due to delay in providing Required Submittals conforming to this Contract.

1.4 Review and Incorporation of Contract Provisions

Consultant represents and warrants that it has carefully reviewed, and fully understood, this Contract, including all of its Attachments, all of which are by this reference incorporated into and made a part of this Contract.

1.5 Financial and Technical Ability to Perform

Consultant represents and warrants that it is financially solvent, and has the financial resources necessary, and that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff necessary, to provide, perform, and complete the Services in full compliance with, and as required by or pursuant to, this Contract.

1.6 Time

Consultant represents and warrants that it is ready, willing, able, and prepared to begin the Services on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Services in full compliance with, and as required by or pursuant to, this Contract for the Contract Price.

1.7 Consultant's Personnel and Subcontractors

A. Consultant's Personnel. Consultant shall provide all personnel necessary to complete the Services, including without limitation the "Key Project Personnel" identified in Attachment D. Consultant shall provide to Owner telephone numbers at which the Key Project Personnel can be reached. Consultant and Owner may by mutual written agreement make changes and additions to the designations of Key Project Personnel. Prior to terminating the employment of any Key Project Personnel, or reassigning any

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of the Key Project Personnel to other positions, or upon receiving notification of the resignation of any of the Key Project Personnel, Consultant shall notify Owner as soon as practicable in advance of such proposed termination, reassignment, or resignation. Consultant shall submit justification, including a description of proposed substitute personnel, in sufficient detail to permit evaluation by Owner of the impact of the proposed action on the Services. No such termination or reassignment shall be made by Consultant without prior written approval of Owner. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination, reassignment, resignation, or substitution.

B. Approval and Use of Subcontractors. Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors and subcontracts used by Consultant shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor or subcontract shall not relieve Consultant of full responsibility and liability for the provision, performance, and completion of the Services in full compliance with, and as required by or pursuant to, this Contract. All Services performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Consultant. Every reference in this Contract to "Consultant" shall be deemed also to refer to all subcontractors of Consultant. Every subcontract shall include a provision binding the subcontractor to all provisions of this Contract.

C. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the part of the Services undertaken by it in a manner satisfactory to Owner, Consultant shall immediately upon notice from Owner remove and replace such personnel or subcontractor. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such removal or replacement.

1.8 Owner's Responsibilities

Owner shall, at its sole cost and expense and except as otherwise provided in Attachment D: (a) designate in writing a person with authority to act as Owner's representative and on Owner's behalf with respect to the Services except those matters that may require Board approval of Owner; (b) provide to Consultant all criteria and full information as to Owner's requirements for the Project or work to which the Services relate, including Owner's objectives and constraints, schedule, space, capacity and performance requirements, and budgetary limitations relevant to the Project; (c) provide to Consultant all existing studies, reports, and other available data relevant to the Project; (d) arrange for access to and make all provisions for Consultant to enter upon public and private property as reasonably required for Consultant to perform the Services; (e) provide surveys describing physical characteristics, legal limitations, and utility locations for the Project and the services of geotechnical engineers or other consultants when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B and D; (f) provide structural, mechanical, chemical, air and water pollution tests, test for hazardous materials, and other laboratory and environmental tests, inspections, and reports required by law to be provided by Owner in connection with the Project; (g) review and comment on all Required Submittals and other reports, documents, data, and information presented by Consultant; (h) except as otherwise provided in Attachment A, provide approvals from all governmental authorities having jurisdiction over the Project when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B and D; (i) except as provided in Article IV of this Contract provide, all accounting, insurance, and legal counseling services as may be necessary from time to time in the sole judgment of Owner to protect Owner's interests with respect to the Project; (j) attend Project related meetings; and (k) give prompt written notice to Consultant whenever Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Services,

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provided, however, that failure to give such notice shall not relieve Consultant of any of its responsibilities under this Contract.

1.9 Owner's Right to Terminate or Suspend Services for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Services in whole or in part at any time by written notice to Consultant. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Consultant shall, as and to the extent directed, stop Services under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Services under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled. The Consultant shall have the right to terminate this Agreement upon 30 days' notice to the Owner upon breach by Owner of any of its obligations under this Agreement and Owner's failure to cure or failure to commence a good-faith effort to cure said breach within the 30 day period. In the event of such termination, the Consultant shall be paid for all services actually performed up to the effective date of the termination.

B. Payment for Completed Services. In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Consultant (1) such direct costs, including overhead, as Consultant shall have paid or incurred for all Services done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination; and (2) such other costs pertaining to the Services, exclusive of overhead and profit, as Consultant may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

ARTICLE II
CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Project, the Services and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Services, an equitable adjustment in the Contract Price or Contract Time may be made. No decrease in the amount of the Services caused by any Change Order shall entitle Consultant to make any claim for damages, anticipated profits, or other compensation.

2.2 Delays

For any delay that may result from causes that could not be avoided or controlled by Consultant, including but not limited to natural disasters, adverse weather, or acts of the Owner, third parties, or governmental agencies, Consultant shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Services.

2.3 No Constructive Change Orders

No claims for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order. If Owner fails to issue a Change Order including, or fully including, an equitable adjustment in the Contract Price or Contract Time to which Consultant claims it is entitled, or, if Consultant believes that any requirement, direction, instruction, interpretation, determination, or decision of Owner entitles Consultant to an equitable adjustment in the Contract Price or Contract Time that has not been included, or fully included, in a Change Order, then Consultant shall

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submit to Owner a written request for the issuance of, or revision of, a Change Order, including the equitable adjustment, or the additional equitable adjustment, in the Contract Price or Contract Time that Consultant claims has not been included, or fully included, in a Change Order. Such request shall be submitted before Consultant proceeds with any Services for which Consultant claims an equitable adjustment is due and shall, in all events, be submitted no later than two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision. Notwithstanding the submission of any such request, Consultant shall, unless otherwise directed by Owner within two business days after receipt by Owner of such request, proceed without delay to perform the Services in compliance with the Change Order or as required, directed, instructed, interpreted, or decided by Owner and shall, pending a final resolution of the issue, keep a daily record of such Services. Unless Consultant submits such a request within two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision, Consultant shall be conclusively deemed (1) to have agreed that such Change Order, requirement, direction, instruction, interpretation, determination, or decision does not entitle Consultant to an equitable adjustment in the Contract Price or Contract Time and (2) to have waived all claims based on such Change Order, requirement, direction, instruction, interpretation, determination, or decision.

ARTICLE III

CONSULTANT'S RESPONSIBILITY FOR DEFECTIVE SERVICES

3.1 Consultant's Responsibilities.

A. Standard of Care. Consultant agrees that the Services and all components thereof shall conform to the requirements of this Contract; shall be fit, sufficient and suitable for the purposes expressed in, or reasonably inferred from, this Contract; shall be performed in accordance with the standards of professional practice, care and diligence practiced by recognized consulting firms performing services of a similar nature in existence at the time of performance of the Services; and the Services shall free from defects and flaws in design consistent with such standards of professional practice, care and diligence. The standards and obligations contained herein shall be in addition to any other requirements expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Opinions of Cost. It is recognized that neither Consultant nor Owner has control over the costs of labor, material, equipment or services furnished by others or over competitive bidding, market or negotiating conditions, or construction contractors' methods of determining their prices. Accordingly, any opinions of probable Project costs or construction costs provided for herein are estimates only, made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as an experienced and qualified professional, familiar with the industry. Consultant does not guaranty that proposals, bids or actual Project costs or construction costs will not vary from opinions of probable cost prepared by Consultant.

3.2 Corrections

Consultant shall be responsible for the quality, technical accuracy, completeness and coordination of all reports, documents, data, information and other items and services under this Contract. Consultant shall, promptly and without charge, provide, to the satisfaction of Owner, all corrective Services necessary as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care.

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3.3 Risk of Loss

The Services and everything pertaining thereto shall be provided, performed, and completed at the sole risk and cost of Consultant. Consultant shall be responsible for any and all damages to property or persons as a result of Consultant's negligent acts, errors, omissions, or failure to meet the standard of care and for any losses or costs to repair or remedy any work undertaken by Owner based upon the Services as a result of any such negligent acts, errors, omissions, or failure to meet the standard of care. Notwithstanding any other provision of this Contract, Consultant's obligations under this Section 3.3 shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Consultant, to indemnify, hold harmless or reimburse Consultant for such damages, losses or costs.

ARTICLE IV
FINANCIAL ASSURANCES

4.1 Insurance

Contemporaneous with Consultant's execution of this Contract, Consultant shall provide certificates and policies of insurance evidencing at least the minimum insurance coverages and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. **Such policies shall be in a form acceptable to Owner and from companies with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide and otherwise acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner.** Consultant shall, at all times while providing, performing, or completing the Services, including, without limitation, at all times while correcting any failure to meet the standard of care pursuant to Section 3.2 of this Contract, maintain and keep in force, at Consultant's expense, at least the minimum insurance coverages and limits set forth in Attachment A.

4.2 Indemnification

Consultant shall, without regard to the availability or unavailability of any insurance, either of Owner or Consultant; (A) as to Consultant's professional activities, indemnify, and save harmless Owner against lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, (collectively "Claims") to the extent caused by the Consultant's negligent performance of, or failure to perform, the Services or any part thereof; and (B) as to all other activities of Consultant, indemnify, save harmless and defend Owner against Claims that may arise, or be alleged to have arisen, out of or in connection with Consultant's performance of, or failure to perform, the Services or any part thereof, provided that Consultant shall not be required to indemnify Owner under provisions A or B of this Section for injury or damage to the extent caused by the negligence of Owner.

ARTICLE V
PAYMENT

5.1 Contract Price

Owner shall pay to Consultant, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Consultant shall accept in full satisfaction for providing, performing, and completing the Services, the amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

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5.2 Taxes, Benefits and Royalties

The Contract Price includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits and all costs, royalties, and fees arising from the use on, or the incorporation into, the Services, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Consultant.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in the manner set forth in Attachment A ("Progress Payments").

B. Pay Requests. Consultant shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner an invoice accompanied by such receipts, vouchers, and other documents as may be necessary to establish Consultant's prior payment for all labor, material, and other things covered by the invoice and the absence of any interest, whether in the nature of a lien or otherwise, of any party in any property, work, or fund with respect to the Services performed under this Contract. In addition to the foregoing, such invoice shall include (a) employee classifications, rates per hour, and hours worked by each classification, and, if the Services are to be performed in separate tasks, for each task; (b) total amount billed in the current period and total amount billed to date, and, if the Services are to be performed in separate tasks, for each task; (c) the estimated percent completion, and, if the Services are to be performed in separate tasks, for each task; and (d) Consultant's certification that all prior Progress Payments have been properly applied to the Services with respect to which they were paid. Owner may, by written notice to Consultant, designate a specific day of each month on or before which pay requests must be submitted.

5.4 Final Acceptance and Final Payment

The Services, or, if the Services are to be performed in separate tasks, each task of the Services, shall be considered complete on the date of final written acceptance by Owner of the Services or each task of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed. The Services or each task of the Services, as the case may be, shall be deemed accepted by Owner if not objected to in writing within 60 days after submission by Consultant of the Services or such task of Services for final acceptance and payment plus, if applicable, such additional time as may be considered reasonable for obtaining approval of governmental authorities having jurisdiction to approve the Services, or task of Services, as the case may be. As soon as practicable after final acceptance, Owner shall pay to Consultant the balance of the Contract Price or, if the Services are to be performed in separate tasks, the balance of that portion of the Contract Price with respect to such task of the Services, after deducting therefrom all charges against Consultant as provided for in this Contract ("Final Payment"). The acceptance by Consultant of Final Payment with respect to the Services or a particular task of Services, as the case may be, shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Consultant for anything done, furnished for, arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be, or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Services or a particular task of Services, as the case may be.

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5.5 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any pay request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Consultant is liable under this Contract; (3) liens or claims of lien regardless of merit; (4) claims of subcontractors, suppliers, or other persons regardless of merit; (5) delay in the progress or completion of the Services; (6) inability of Consultant to complete the Services; (7) failure of Consultant to properly complete or document any pay request; (8) any other failure of Consultant to perform any of its obligations under this Contract; or (9) the cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.1 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.5A above until Consultant shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Consultant under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees, and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Consultant under this Contract.

5.6 Accounting

Consultant shall keep accounts, books, and other records of all its billable charges and costs incurred in performing the Services in accordance with generally accepted accounting practices, consistently applied, and in such manner as to permit verification of all entries. Consultant shall make all such material available for inspection by Owner, at all reasonable times during this Contract and for a period of three years following termination of this Contract. Copies of such material shall be furnished, at Owner's expense, upon request.

ARTICLE VI
REMEDIES

6.1 Owner's Remedies

If it should appear at any time prior to Final Payment for all work that Consultant has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Contract, or has attempted to assign this Contract or Consultant's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five business days after Consultant's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Consultant, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to accelerate all or

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any part of the Services; and to take any or all other action necessary to bring Consultant and the Services into strict compliance with this Contract.

2. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Services or part thereof and make an equitable reduction in the Contract Price.

3. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.

4. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

5. Owner may recover any damages suffered by Owner.

6.2 Terminations and Suspensions Deemed for Convenience

Any termination or suspension of Consultant's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.9 of this Contract.

ARTICLE VII
LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding upon Owner and Consultant and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Consultant shall act as an independent contractor in providing and performing the Services. Nothing in or done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint venturers between Owner and Consultant or (2) to create any relationship between Owner and any subcontractor of Consultant.

7.3 No Collusion

Consultant hereby represents and certifies that Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Consultant is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. Consultant hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Consultant has, in procuring this Contract, colluded with

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any other person, firm, or corporation, then Consultant shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

7.4 Assignment

Consultant shall not (1) assign this Contract in whole or in part, (2) assign any of Consultant's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Consultant.

7.5 Confidential Information

All information supplied by Owner to Consultant for or in connection with this Contract or the Services shall be held confidential by Consultant and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Services. Notwithstanding the foregoing, this Agreement shall not apply to any portion of the Information which: Was in the public domain prior to Consultant's receipt, or which subsequently becomes part of the public domain by publication or otherwise without Consultant's wrongful act; or May be disclosed pursuant to governmental or judicial requirement or subpoena, provided Consultant has given Owner reasonable prior notice of the proposed disclosure and an opportunity to secure a protective order thereon.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Services by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming, or incomplete Services, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Consultant; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Consultant shall be made or be valid against Owner.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any main or branch United States post office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested. Notices and communications to Owner shall be addressed to, and delivered at, the following address:

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Village of Northbrook
Public Works Center
655 Huehl Road
Northbrook, Illinois 60062
Attention: Aram Beladi, Village Engineer

Notices and communications to Consultant shall be addressed to, and delivered at, the following address:

Kimley-Horn and Associates, Inc.
570 Lake Cook Road
Suite 200
Deerfield, Illinois 60015
Attention: Adam Kucharski, Project Manager

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section 7.8, Owner and Consultant each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address or addressee shall be effective until actually received.

7.9 Governing Laws

This Contract and the rights of Owner and Consultant under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

7.11 Compliance with Laws and Grants

Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Consultant's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

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Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Documents

Drawings, plans, specifications, photos, reports, information, observations, calculations, notes and any other reports, documents, data or information, in any form, prepared, collected, or received by Consultant in connection with any or all of the Services (the "Documents") shall be and remain the property of Owner. At Owner's request, or upon termination of this Contract, the Documents shall be delivered promptly to Owner. Consultant shall have the right to retain copies of the Documents for its files. Consultant shall maintain files of all Documents unless Owner shall consent in writing to the destruction of the Documents. Consultant shall make, and shall cause all of its subcontractors to make, the Documents available for Owner's review, inspection and audit during the entire term of this Contract and for three years after termination of this Contract; provided, however, that prior to the disposal or destruction of the Documents by Consultant or any of its subcontractors following said three year period, Consultant shall give notice to Owner of any Documents to be disposed of or destroyed and the intended date, which shall be at least 90 days after the effective date of such notice of disposal or destruction. Owner shall have 90 days after receipt of any such notice to give notice to Consultant or any of its subcontractors not to dispose of or destroy said Documents and to require Consultant or any of its subcontractors to deliver same to Owner, at Owner's expense.

7.13 Time

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.14 Severability

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

7.15 Entire Agreement

This Contract sets forth the entire agreement of Owner and Consultant with respect to the accomplishment of the Services and the payment of the Contract Price therefor, and there are no other understandings or agreements, oral or written, between Owner and Consultant with respect to the Services and the compensation therefor.

7.16 Amendments

No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Consultant.

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IN WITNESS WHEREOF, Owner and Consultant have caused this Contract to be executed in two original counterparts as of the day and year first written above.

(SEAL)

Attest/Witness:

VILLAGE OF NORTHBROOK:

By: _____
Derek Gau
Title: Village Clerk

By: _____
Cara L. Pavlicek
Title: Village Manager

Attest/Witness:

KIMLEY-HORN AND ASSOCIATES, INC.:

By: DocuSigned by: Jake Panter D13A05A0CAF7427...

Title: Associate

By: DocuSigned by: Emma Albers 4C28FC246E84422...

Title: Associate

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ATTACHMENT A

SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. Project Background:

The Village maintains 190 miles of sidewalks within its limits to ensure they are safe and passable for residents. In various locations throughout the Village, there are segments with gaps that limit pedestrian travel. The Sidewalk Gap Program allows the Village to fill in these gaps and create a more connected system. As part of the Fiscal Year 2026/27 Budget, funding has been designated for the design of sidewalk gap improvements. The proposed services generally consist of performing topographic survey, locating utilities, and preparing construction documents.

2. Approvals and Authorizations:

Work performed on this contract shall be performed on a task order basis. Owner will provide the consultant with scope of work and the consultant shall provide the Owner with a not to exceed manhour and cost for the task. Work shall not commence on a task until the Owner has issued a notice to proceed to the Consultant.

3. Commencement Date:

The date of execution of the Contract by Owner.

4. Completion Date:

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

5. Insurance Coverages:

A. Worker's Compensation and Employer's Liability with limits not less than:

(1) Worker's Compensation: Statutory;

(2) Employer's Liability:
$1,000,000 injury-per occurrence

$500,000 disease-per employee

$1,000,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with a combined single limit of liability for bodily injury and property damage of not less than $1,000,000 for vehicles owned, non-owned, or rented.

All employees shall be included as insureds.

C. Comprehensive General Liability with coverage written on an "occurrence" basis and with limits no less than:

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General Aggregate: $2,000,000 Bodily Injury and Property Damage Combined Single Limit for this Project.

Coverages shall include:

- Broad Form Property Damage Endorsement
- Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)

D. Professional Liability Insurance. With a limit of liability of not less than $1,000,000 per occurrence and $2,000,000 in the aggregate and covering Consultant against all sums that Consultant may be obligated to pay on account of any negligent liability arising out of the Contract.

E. Umbrella Policy. The required coverages may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

F. Owner as Additional Insured. Owner shall be named as an Additional Insured and a Cancellation Notice recipient on all policies except for:

Worker's Compensation
Professional Liability

Each such additional Insured endorsement shall identify Owner as follows: The Village of Northbrook, including its Board members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives.

G. Other Parties as Additional Insureds. In addition to Owner, the following parties shall be named as additional insured on the following policies:

N/A

All additional public or private property owners as needed on all policies with the exception of Worker's Compensation and Professional Liability.

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6. **Contract Price**:

SCHEDULE OF PRICES

For providing, performing, and completing each task of Services, an amount equal to Consultant's Direct Labor Costs, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each task of Services, the following not to exceed amount set forth opposite each such task except as adjusted by Change Order issued pursuant to Section 2.1 of the Contract:

TOTAL NOT TO EXCEED CONTRACT PRICE: $37,000

__Thirty Seven Thousand_____Dollars and ___Zero_____ Cents
(in writing) (in writing)

_____37,000_____Dollars and _____0_____Cents
(in figures) (in figures)

7. **Payments:**

For purposes of payments to Consultant, the value of the Services shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel as set forth on the list supplied by Consultant attached hereto and referenced as Attachment A1, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

Reimbursable Expenses shall mean the actual expenses incurred by Consultant directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

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ATTACHMENT B

SCOPE OF SERVICES

Consultant shall cooperate and work closely with representatives of Owner and other parties involved in the Project. Consultant shall meet with Owner and such other parties, and shall provide such consultation, advice, and reports, as required to adequately perform its responsibilities under the Contract. Consultant shall produce and deliver to Owner the results of its Services, plus any reports, documents, data, information, observations, or opinions set forth below or requested by Owner, in form or format as set forth below or, if none, in form or format of Owner's choosing. **In the event of any conflict or contradiction between or among the various provisions from the Village of Northbrook RFP and the consultant's Proposal, which is attached hereto and referenced as Attachment B-1 in this Scope of Services, the inclusive description shall control.**

After written authorization to proceed, Consultant shall provide, perform and complete the following:

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Kimley»Horn

February 18, 2026

Aram Beladi, P.E.
Village of Northbrook
655 Huehl Road
Northbrook, IL 60062

Re: Agreement for Professional Consulting Services
Sidewalk Extension at 2525 Techny Road

Dear Mr. Beladi:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "the Consultant") is pleased to submit this Agreement (the "Agreement") to the Village of Northbrook ("the Client") in accordance with the terms of the *Contract for Professional Engineering Services for On Call Bicycle and Pedestrian Engineering*, dated April 28, 2023, for professional consulting services for the proposed Sidewalk Extension at 2525 Techny Road located in Northbrook (Cook County), Illinois.

PROJECT UNDERSTANDING

Kimley-Horn understands that the Client intends to extend the sidewalk located along the south side Techny Road at Greenview Road for approximately 150 feet to provide a continuous connection to the existing sidewalk to the east and west of the property located at 2525 Techny Road. The Village has completed the eminent domain process for the property to secure sufficient right-of-way for the sidewalk extension. The intent is to extend the sidewalk through the property with construction anticipated in Summer 2026. The attached location map in Exhibit A will serve as the basis of this Agreement. All roads within the project limits are under the Client's jurisdiction and the Client will be the permitting agency.

SCOPE OF SERVICES

*B*ASE SERVICES

Task 1 – Topographic Survey

Kimley-Horn's surveyor will perform a topographic survey for the limits shown in Exhibit B. The topography will be obtained using field methods (not photogrammetry) based on a nominal 50-foot grid. Mapping will be prepared at a suitable scale with one-foot contours and spot elevations where appropriate. Utilities will be located where apparent from the surface and will be compared to what is shown on atlases or record drawings (if available). The assembled topographic data will be suitable for use in preparing the construction documents.

Kimley-Horn will engage a private utility locate company to locate known existing dry utilities within the limits shown in Exhibit B. Utilities will be located horizontally using ground-penetrating radar, electromagnetic, and/or sonde locating equipment. All utilities identified under this task will be indicated on the ground with marking flags and/or paint as per the national color code and shown

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on the ALTA/NSPS Survey (per Table A item 11b). Identifying the depths of the existing utilities is not included in this task. This task does not guarantee the identification of all utilities.

Task 2 – Construction Documents

Kimley-Horn will prepare one set of design drawings for the improvements as described in the *Project Understanding* in accordance with the published Client and IDOT standards. The plans shall be at an appropriate engineering scale to depict the proposed improvements in sufficient detail. The drawings will consist of the following sheets and their respective contents:

1. *Cover Sheet*

2. *General Notes*
   - Kimley-Horn will incorporate construction, utility, drainage, and general notes as required by agencies having authority.

3. *Existing Conditions/Demolition Plan*
   - Kimley-Horn will develop a plan that will show surface and subsurface facilities scheduled for demolition.

4. *Proposed Plan*
   - Kimley-Horn will prepare a plan showing the limits in Exhibit A depicting detailed geometry for the sidewalk extension. The plan will include all necessary pavement markings and signage per MUTCD and ILMUTCD requirements. No proposed cross-sections are included.

5. *Curb Ramp Details*
   - Up to two (2) curb ramps will be designed along both sides of Greenview Road in accordance with Americans Disabilities Act (ADA) and PROWAG requirements.

6. *Maintenance of Traffic Plan*
   - IDOT standard details will be used for traffic control. A need for additional detailed maintenance of traffic plan sheets will be an additional service.

7. *Utility Plan*
   - Kimley-Horn will identify any utility conflicts, including the known existing ComEd overhead utility pole, and prepare a plan showing any necessary utility relocations. Proposed lighting is not included in this scope.

8. *Landscaping Plan*
   Kimley-Horn will include restoration of landscaping and any tree replacement as directed by the Client.

9. *Details*
   - Kimley-Horn will prepare details required for construction or via references to state, county, or village standard details.

10. *Engineer's Opinion of Probable Cost (EOPCC)*

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- Based on the roadway improvements described in the *Project Understanding*. Kimley-Horn has no control over the cost of labor, materials, equipment, or over the contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided in this task are based on the information known to Kimley-Horn at the time and represent only Kimley-Horn's judgment as a design professional firm familiar with the construction industry. Kimley-Horn cannot guarantee that proposals, bids, or actual construction costs will not vary from its opinion.

11. *Specifications*
    - Kimley-Horn will prepare technical special provisions (i.e. specifications) related to our scope of work. It is anticipated that most standard roadway items will be governed by IDOT standard specifications, current edition, which will be referenced in the construction plans.

This task consists of preparation of plans and response for up to two (2) rounds of ordinary comments.

It is understood the project will not require new permit approvals from outside agencies as there are no floodplain or other flood hazard areas. The limits of disturbance are less than one acre and will not require an NPDES permit from the IEPA. Any additional permitting from these assumptions will be considered an additional service.

All work is anticipated to be within the public right-of-way as the Village as recently acquired the right-of-way needed for the sidewalk extension. If required, coordination and effort to obtain any necessary easements will be completed by the Client.

No drainage analysis is anticipated. The existing conditions consist of open drainage at 2525 Techny Road. Should it be determined that drainage analysis and plans are required it will be completed as an additional service.

Task 3 – Utility Coordination

Kimley-Horn will request record plans from the dry utility owners that have facilities in the vicinity of the project limits and review existing private utilities located within the project limits. Kimley-Horn will rely solely on plans and information received from others. Once identified, all utility owners with facilities within the project limits will be contacted including a request for all available utility owner supplied data related to existing facilities. Data will be reviewed and incorporated into the Construction Documents.

Kimley-Horn will submit the proposed design drawings to the applicable dry utility owners and coordinate approvals. It is anticipated that up to one (1) ComEd overhead utility pole will require relocation. Kimley-Horn will coordinate with the dry utility owners for the relocation of existing overhead utilities with the project limits as required to support the proposed improvements.

Task 4 - Limited Construction Administration Services

Kimley-Horn will review Shop Drawings, Submittals, Samples and other data which the Contractor is required to submit, for conformance with the information given in the Contract Documents as it related to the Construction Documents. Such review will not extend to means, methods, techniques, equipment choice and usage, sequences, schedules, or procedures of construction or to related safety precautions and programs. Kimley-Horn will respond to reasonable and

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appropriate Contractor requests for information and issue necessary clarifications and interpretations of the Contract Documents to the Client as appropriate to the orderly completion of the Contractor's work. Any orders authorizing variations from the Contract Documents will be made by the Client. Kimley-Horn will review the As-Built documents at the end of the project. We anticipate up to 10 hours of effort for this Task. Should additional effort be required, Consultant will provide this effort as Additional Services.

ADDITIONAL SERVICES

Any services not specifically provided for herein, as well as changes in the scope of proposed services and revisions requested by the Client after substantial completion of the proposed services, will be considered Additional Services and will be performed at our then-current hourly rates. Potential services not addressed in this Agreement, but which may be required include, but are not limited to:

1. Irrigation Services
2. Environmental Engineering Services
3. Geotechnical Engineering Services
4. Storm Water Management Design
5. Easement Documents and/or Coordination
6. Platting, Construction Staking or Survey Services beyond those mentioned above
7. Tree Survey and/or Tree Protection Plan
8. Dry Utility Design
9. SWPPP Monitoring and/or Observation Logs
10. State Department of Transportation coordination
11. Traffic and/or Parking Study
12. Retaining Wall Design
13. Any services not specifically mentioned in the Scope of Services above

INFORMATION PROVIDED BY CLIENT

Kimley-Horn shall be entitled to rely on the completeness and accuracy of all information provided by the Client. The Client shall provide all information requested by Kimley-Horn during the project, including but not limited to the following:

1. Relevant surveys, studies, reports, or data in the Client's possession
2. Full access to the site
3. Executed copy of this Agreement

FEES AND INVOICING

Kimley-Horn will perform the above services on a labor fee plus expense basis with the maximum labor fee of **$35,000**. Kimley-Horn will not exceed the total maximum labor fee shown without authorization from the Client.

Direct reimbursable expenses such as express delivery services, fees, air travel, and other direct expenses will be billed at 1.15 times cost. A percentage of labor fee (5%) will be added to each invoice to cover certain other expenses such as telecommunications, in-house reproduction,

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postage, supplies, project related computer time, and local mileage. Administrative time related to the project will be billed hourly.

All permitting, application, and similar project fees will be paid directly by the Client. Should the Client request Kimley-Horn to advance any such project fees on the Client's behalf, an invoice for such fees, with a fifteen (15%) markup, will be immediately issued to and paid by the Client.

Task	BASE SERVICES	Fee	Fee Type
1	Topographic Survey	$5,000	Lump Sum
2	Construction Documents	$25,000	Lump Sum
3	Utility Coordination	$5,000	Lump Sum
	Estimated Total (w/o expenses)	**$35,000**	
	OPTIONAL SERVICES		
	Limited Construction Admin Services	**$2,000**	

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services completed or actual services performed and expenses incurred as of the invoice date. Payment will be due and payable within 25 days of your receipt of the invoice.

CLOSURE

If you concur in the foregoing and wish to direct us to proceed with the aforementioned services, please execute of this letter Agreement in the space provided and return a copy to us. Execution of this Agreement formalizes our working arrangement.

We appreciate the opportunity to provide these services to you.

Sincerely,

Kimley-Horn and Associates, Inc.

Adam Kucharski, PE
Project Manager

Emma Albers, PE, PTOE
Associate

Attachments: Exhibit A - Site Plan
Exhibit B – Survey Limits
Standard Provisions

~~ Signature on following page ~~

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Kimley»Horn

Agreed to this _____ day of _____, 20____

Village of Northbrook

By: _____

Printed Name and Title: _____

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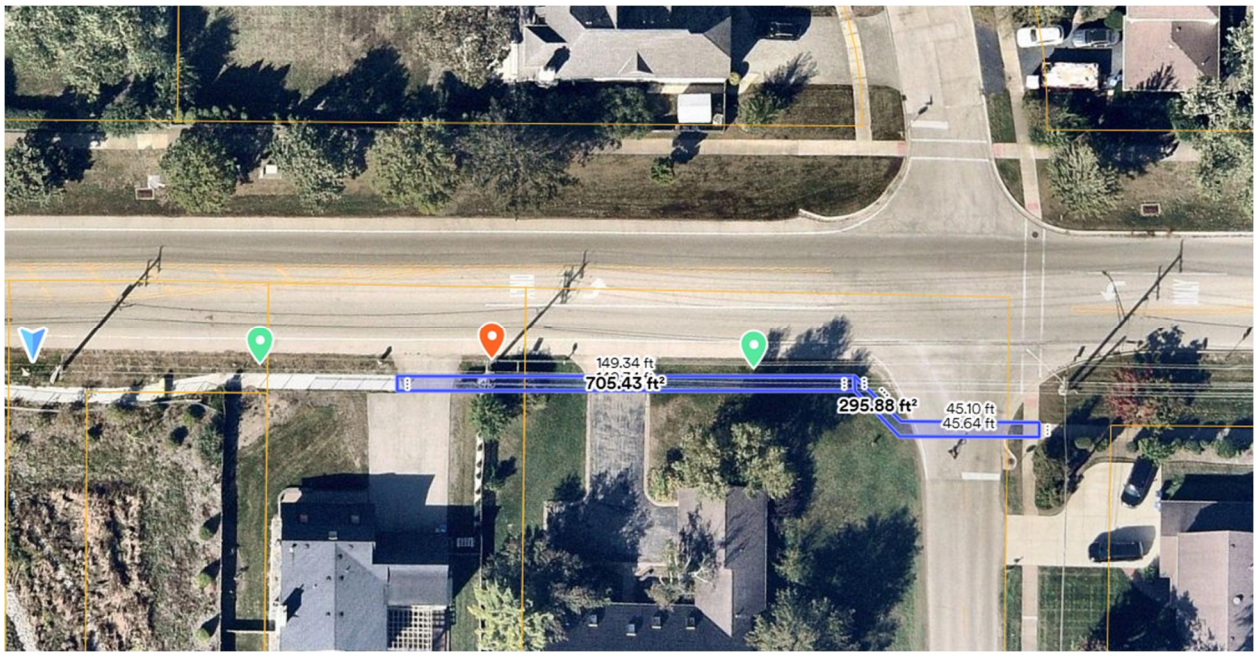
Kimley»Horn

EXHIBIT A – PROJECT LOCATION



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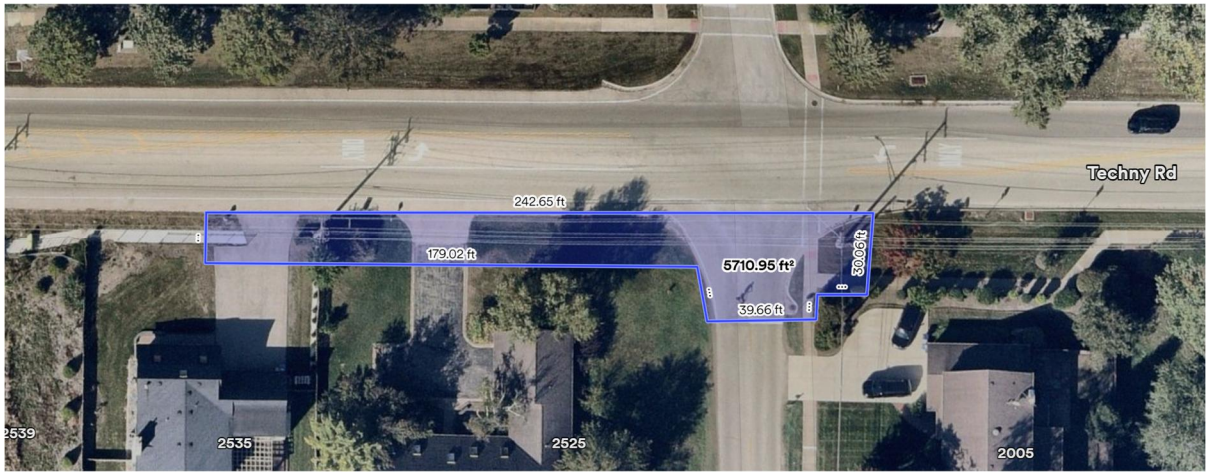
Kimley»Horn

EXHIBIT B – SURVEY LIMITS



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ATTACHMENT C

SCHEDULE

Final Completion/Project Acceptance – April 30, 2027, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

The completion dates for the respective Project Tasks to be negotiated with the consultant:

Note: Written authorization from the Village is required before proceeding with each phase.

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ATTACHMENT D

SPECIAL PROJECT REQUIREMENTS

1. Key Project Personnel Contact Information:

Name/Project Function:	Telephone:	E-Mail:
Emma Albers/Associate	630-487-3435	Emma.Albers@kimley-horn.com
Peter Lemmon/Senior Advisor	708-982-7779	Adam.Kucharski@kimley-horn.com